

Group	Project	Evaluation
<ul style="list-style-type: none"> • Fabrizio Congia, fabrizio.congia@studenti.polito.it, FabrizioCongia • Francesco Resta, francesco.resta90@gmail.com, FraRes • Anna Rita Altamura, annarita.altamura@studenti.polito.it, AnnaRitaAlta 	<p>Project Title Adaptive Multiuser Online Radio</p> <p>Description The target of this project is to build a small internet radio to be used in the canteen and dedicated lunch spaces in the Politecnico coffee bars. It will be properly designed to meet the needs of students on lunch break, with fast automatic authentication, and few steps to have a ready to play music.</p> <p>This radio can play genre or artist stations that are not previously built but are created on the fly and are constantly adapted to user taste based on skipped and favorite songs ., The radio exploits API from several internet services such as Spotify and Echo Nest. It will be possible to identify yourself using an NFC tag to get a personalized experience based on your listen history and other settings such as mood, "adventurousness", age.</p>	<p>Action: Re-think</p> <ul style="list-style-type: none"> • Out of scope • Aml features weak
<ul style="list-style-type: none"> • Aicardi Samuele, samuele.aicardi@outlook.com, SamueleAicardi • Andreoli Andrea, andreoliandrea.93.aa@gmail.com, andrea93a • Regis Simone, regis.simone93@gmail.com, simoneregis893 • Risoli Antonio, risoli.antonio.93@gmail.com, A-Risoli 	<p>1.Project Title ItsYourTurn</p> <p>Description ItsYourTurn is a system that will help students and Professors to get in touch more easily and efficiently. It checks, in real time, whether the professor is in his office or not and if he is available according to his will, showing it to students. The Professor can enable/disable his availability depending on his agenda and his commitments.</p> <p>ItsYourTurn manages a queue, allows for booking and learns from the past giving information about the probability of finding the Professor in his office in the future. It also provides the most important information such as phone number, e-mail, office location and office hours.</p>	<p>Action: Proceed</p>
	<p>2.Project Title PolitoMap</p> <p>Description A system based on fixed locations which gives your position inside the Cittadella Politecnica through interactive map.</p> <p>The system provides the most efficient path to reach the destination , decided by the user or predicted by the system, according to time, place and user's needs (bathrooms queue , bars an queue, canteen queue and menù, etc.).</p>	<p>Action: No</p>
	<p>3.Project Title SmarTranslate</p> <p>Description A system which translates sign-language in other languages and viceversa in order to help deaf-mutes making themselves understand more easily by other people.</p>	<p>Action: No</p>

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<ul style="list-style-type: none"> • Anton Aizenberg, antonays@gmail.com, antonays • Daniele Reda, redad.93@gmail.com, redad1010 • Cristian Ricardo Quadro, crquadro@outlook.com, Clerish • Lorenzo Gambro, gambrolorenzo@gmail.com, wasab1 	<p>Project Title SmartClassSchedule</p> <p>Description This smart screen is located outside every classroom replacing the static schedule of lectures in this class, making it user interactive and versatile. It publicly shows the weekly schedule of the class and indicates visually by color if the class is in lecture/exam/free. The user may choose to get his own information by using his student card and receiving his daily schedule of lectures, his next lecture, the best route to his next lecture, and the closest available classrooms.</p>	<p>Action: Re-think</p> <ul style="list-style-type: none"> • Aml features weak
<ul style="list-style-type: none"> • Vittorio Vaselli, vaselli.vittorio@hotmail.com, (github.com/vasellivittorio) • Thomas Vitale, email, (github.com/ThomasVitale) • Simon Mezzomo, simon.mezzomo@gmail.com, simlt • Luca Vacchetta, email, [GitHub username] 	<p>1 Project Title Interactive Indications (I²)</p> <p>Description The goal is to replace static signs in the polytechnic in two ways: 1. Some monitors located in the corridors show signs personalized based on the people around it (who require the indications), by connecting to the student's schedule information (for example + classroom of the next lesson). 2. LED strips that will help to give continuity to the information on the monitors, using a different color for each student.</p>	<p>Action: Proceed</p> <ul style="list-style-type: none"> • Improve Aml features
	<p>2 Project Title Lab Equipment Security and Localization sYstem (LESLY)</p> <p>Description A system to localize laboratory equipment. This project aims to: 1. Allow teachers and research fellows to find out where the equipment they need is, thanks to a shared system. 2. Allow laboratory technicians to easily manage the equipment of each lab and keep track of position changing (e.g. from a lab to another one or to a calibration laboratory) 3. Protect the assets of the Polytechnic University from a security point of view.</p>	<p>Action: No</p> <ul style="list-style-type: none"> • Complex and convoluted • The problem is interesting
	<p>3 Project Title Polito You Nav (PYN)</p> <p>Description A system to give directions to people inside the campus. This project aims to: 1. Identify your position inside the campus. 2. Give directions to people looking for classrooms, bathrooms, coffee bars, offices and so on. 3. Give directions to people looking for a teacher. If he is holding a lecture, the system provides directions to reach the classroom where the teacher is, otherwise to reach his office.</p>	<p>Action: No</p>

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	<p>4 Project Title Ready wc Description How many times did you have to go to the bathroom and once there you see the sign "out of service", or an endless queue, while, perhaps, a little further on there is a bathroom even bigger practically empty? Well, everything, using this application will not happen again, because you can, conveniently, to know in real time if the bathroom in question is or is not in service, and also to know the waiting queue for the bathroom; so you can choose the appropriate bathroom.</p>	<p>Action: Proceed</p> <ul style="list-style-type: none"> • Improve Aml features • Improve description
<ul style="list-style-type: none"> • Federico Fallace, fe.fallace@gmail.com, GitHub username • Alessandro Gaballo, alessandrogl@gmail.com, alegaballo • Christian Palmiero, christian.alons@gmail.com, ChristianPalmiero • Eugenia Spano, eugenia.spano@gmail.com, eugeniaspano 	<p>1)Project Title WC : Well Cleaned (W.C.) Description The W.C. device provides a compact and easy way to check the bathrooms status, in terms of amount of trash in trash cans, amount of soap, presence (or lack) of toilet paper. It is designed to be helpful to the cleaning staff but also to students . In fact, thanks to W.C., you have a quick way to choose which bathroom to go to, and whether or not to bring your own hands sanitizer and/or toilet paper. It consists of an interactive map, that shows you where all the bathrooms are, and if you select one, it gives you all that information. In addition, it notifies the cleaning staff whenever one of those items is running out or if the trash can needs to be emptied, and, if not requested otherwise, it checks the status periodically. This feature could be improved having the system learning with time when to decrease/increase the checking interval, depending on the affluence on that specific place.</p>	<p>Action: Proceed</p>
	<p>2)Project Title The Smart Waste Bin (SmartBin) Description The Smart Waste Bin is a way to sensitize students to recycle. Whenever someone throws something out, the Bin recognizes the amount of trash recycled and, depending on its weight, it gives the student some points,. The more points you collect, the higher the prize you get. You can collect points by "logging in" on the Bin's system, so that it can recognise you and add current points to the previous ones. Anytime you want, a Web interface allows you to check how many points you have, and it gives you an idea of which prizes you could get if you collected some more points. Prizes could be discounts on Politecnico gadgets, on books or on meals at the canteen. In addition to all that, the Bin sends notification to the cleaning staff whenever it is almost full, so that they know it needs to be emptied and other students can keep recycling.</p>	<p>Action: Re-think</p> <ul style="list-style-type: none"> • Focus on Aml features • Solve sensing issues

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	<p>3)Project Title BrainShare (BrainShare)</p> <p>Description BrainShare is a system that indicates the number of free spots in the study room. A monitor is placed outside the room and shows the number of available seats (possibly on a live map) and the study groups related to the subjects studied . You can reach these pieces of information both reading on the screen and using your smartphone .</p>	Action: No
	<p>4)Project Title PoliCare (EasyPoli)</p> <p>Description Policare is an application that will help you whenever you want to do the most frequent actions in the Politecnico: if you want a coffee break it will tell you where the nearest bar or automatic machine is, if you have to go to a unknown class, it will tell you where it is, if you need the toilet, it will tell you where the nearest one is, if you want to study, it will tell you the nearest free classrooms or study classrooms. Not only: the app will guide you with maps through the corridors of Politecnico directly to your target. With this app you just need a simple touch to describe what you want, then you don't have to think , the app will do it for you!</p>	Action: No
	<p>5)Project Title Easy Eating (EE)</p> <p>Description Are you allergic to something and don't have time to go home for lunch? Are you on a diet and are stuck at school for the day? Do you just have real issues with some kind of food? EE is what you need: in a few clicks, it tells you which cantine provides the daily menu that most suits you, so that you won't have to worry anymore! What if more than one place offers what you want? Don't you worry! EE can tell you the closest one, allowing you not to waste time thinking. And that's not all: you will have to insert your preferences just once , because EE remembers your choices until you decide to change them. What are you waiting for?</p>	<p>Action: Strongly Re-think</p> <ul style="list-style-type: none"> • Idea is good • Aml features absent

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<ul style="list-style-type: none"> • Alessandro Morichetta, ale.morichetta@gmail.com, jimmijamma • Dessiré Figueroa, email, GitHub username • Héctor Sáenz, saviest0.0@gmail.com , GitHub username • Paola Esquivel, email, GitHub username] 	<p>1)Project Title this is the title</p> <p>Description Are you waiting for the next lesson and you like reading papers and magazines? Did you know that Engineering Library is already providing this service? Now the [ProjectTitle] will improve the quality of your experience in the library!! The [ProjectTitle] station will help you choosing a magazine through an interactive touch screen, showing you which magazinexs are not used, and so are ready to be read. This service is provided by sensors that are installed on the shelf . These sensors allows also to learn which are the most trending magazines starting from the number of times they are taken from the shelf. The service could be also improved allowing a personal authentication to a profile in which you can add your preferences and your subjects of study to have more specific suggestions about the magazines and the books to borrow.</p>	<p>Action: Strongly Re-think</p> <ul style="list-style-type: none"> • Idea is good • Aml features unclear
	<p>2)Project Title DryInsides system (DIs)</p> <p>Description The project aim to keep the floors of insides dry. If you don't want to get a mess in your interior even reduce the probability to fell down for the wet floor, can you install the DIs (Dry Insides system). DIs works monitoring the weather of databases from internet to check the probability of rain or snow and verifying it with sensors in the entrances to turn on the “air system” and then wait for arriving persons to activate and discharge air to produce a air wall for block the pass of the water in jackets, coats, umbrellas and shoes.</p>	<p>Action: No</p>
	<p>3)Project Title PoliFonia</p> <p>Description Do you think that you know everything about music? PUT YOURSELF TO THE TEST with POLIFONIA!! You just have to find one of the PoliFonia stations all around the Politecnico and connect your earphones. Just wait to someone else from another station that will answer to your challenge request and get it started! There are few rules!! (Do you remember the TV show “Sarabanda?”) You have 30 seconds to guess 7 songs. Who hits more songs wins!! Do you want to join a team? No problem! Every station has got 4 earphones inputs!! Register your team providing a photo with the PoliFonia camera to show off your results and your placement in Poli’s ranking!</p>	<p>Action: No</p>

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<ul style="list-style-type: none"> • Giobergia Flavio, flavio.giobergia@studenti.polito.it , fgiobergia • Pomponio Marco, marco.pomponio@studenti.polito.it, pomponius • Raviola Erica, erica.raviola@studenti.polito.it, acire19 • De Clemente Marco, marco.declemente@studenti.polito.it, marcodc 	<p>Project Title #1 smartLock</p> <p>Description Finding the right spot where you can leave your bike can be a tedious task, especially when you're already late for a class. Thanks to smartLock, the users can get a list of available "parking spaces" for their bikes and, as soon as they get there, they won't have to bother locking the bike: an automated system will recognize the bike, lock it and wait for the user's command to unlock it when needed.</p>	<p>Action: No</p> <ul style="list-style-type: none"> • Idea Unclear • Aml features Unclear • Mechanical obstacles
	<p>Project Title #2 PROJECT_NAME</p> <p>Description Study rooms seats are more often than not reserved using books, paper sheets or pens. In order to avoid that, PROJECT_NAME will track the availability of each seat, making sure that someone is actually using it. Seats that are left unattended for more than N minutes will automatically become available to other students, thus allowing an higher number of students to actually use study rooms.</p>	<p>Action: No</p> <ul style="list-style-type: none"> • Idea Unclear • Aml features Unclear
	<p>Project Title (proposal #3) Not2Shy</p> <p>Description A new interactive way to participate to classes, Not2Shy aims at improving the quality of lectures, helping both students (particularly the shy ones!) and teachers. For each topic the system select a multiple choice question picked from a database customizable by teachers. Students can answer anonymously to questions and statistics are made "sensing" in real-time the actual comprehension of a given topic. Not2Shy will also "reason" on the results, providing some suggestions to teachers giving some advice on the less clear topics.</p>	<p>Action: No</p>

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	<p>Project Title (proposal #4) Jacky Description How often do we need to modify the volume of our smartphone, adjusting it to the different noise levels of our Campus, turning it off during lectures? Wouldn't be easier if someone could help us managing it? Jacky will do it for you! Through a microphone sensor on your headset will sense outside noise and adjust automatically the volume of your smartphone and will learn from your preferences in phone calls/music volumes. You can choose to synchronize Jacky with your schedule of lectures and let it switch the sounds off when lectures start.</p>	<p>Action: No</p>
	<p>Project Title #5 TrackDown Forgetting something in a classroom sucks. Having something stolen? That's even worse. TrackDown is a small antenna you can keep in your bag, your wallet, or everywhere you want. A series of detectors is displaced around the campus: every time you pass by one, your location (actually, the antenna's) is recorded. If, at any point, you realize you are missing something, you only need to take your smartphone (or a computer, if your smartphone is among the missing items) and find out where your antenna was last seen. And, if you're carrying multiple antennas, you'll get a notification every time one of them is away from the others.</p>	<p>Action: Proceed</p> <ul style="list-style-type: none"> • Aml features weak (intelligence, interaction, acting)

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<ul style="list-style-type: none"> • Lorenzo Miretti, lorenzo.miretti@studenti.polito.it , Firebird1993 • Riccardo Mereu, riccardo.mereu@studenti.polito.it, GitHub username • Nicola Prette, nicola.prette@studenti.polito.it, GrizzlyMan • Federico Barusso, federico.barusso@studenti.polito.it, GitHub username] 	<p>2) Project Title Lost&&(Found Stolen)</p> <p>Description Lost&&(Found Stolen) is the smart evolution of the old and inefficient Lost & Found Office. It is directly integrated into the environment: it appears like a simple bin, included in every area (room?) where people can put the lost objects that they find around. The smart bin will take a picture of the object and upload it on a web database, adding information such as when and in which area it has been found. People from home, authenticating themselves with their Student ID (can we simulate it?) on a website, can browse the database and ask for their objects.</p> <p>A bit of security: (the “intelligent” part... well, or the “stupid” part, even if we really hope not) The bin is built in a way that once an object is inserted into the bin, it goes in an usually inaccessible area of it (for example there could be two separate “doors” -sportelli- ??). This area will be accessible just with a personal and random password, generated by the website after an object request. The system it is able to recognize exactly which object has been taken (weight sensors??). Thieves can ask for every object (but they must be polito members to access the website): the system will video record every time someone opens the bin. If there is no match between requested and taken object, or if the real (or supposed to be) possessor ask for an object that has already been requested (the database caches entry for some time), the system will provide the video recording and the student/professor/staff(s) ID to the authority.</p>	Action: No
	<p>3) PrintCenter Optimization.</p> <p>Description How many times have you been in the PrintCenter and you have had to go away because there were too many people? PCO is the solution! You can send your documents to print from your home and PCO suggests you the best time you can get them on the Print Center, according by your personal timetable and the crowding forecasted. Then you can go to the Print Center and pass your personal badge on a device that put you in queue on a printer. Then when the turn is yours, the printer has just already got your files and it prints them immediately. In this way students will wait the less possible at the print center. (This is maybe just a scheduling problem but we think that is a REAL problem for students).</p>	Action: No

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	<p>4) Project Title NeverLate</p> <p>Description NeverLate is a wristwatch that evaluates the time you need to get to the classes everyday and warns you if you are late. This system is capable to estimate the time required to arrive at school by monitoring your routine and by taking into account things like the mean of transport you use, the weather and the time of the year.</p> <p>The system will also know your schedule so that it warns you according to your calendar .A possible feature that we could implement is a sensor which understand when the lesson actually starts (for example by monitoring when the microphone is turned on) so it can also tell if you are late after the break during the lesson.</p> <p>This dispositive could be connected to other projects such as the ones that detects queues in front of the bathrooms or the vending machines. When you are in the break of the lesson NeverLate can also tell you the bathroom (or other things you need) which permits you to come back at your class on time.</p>	<p>Action: Proceed</p> <ul style="list-style-type: none"> Better focus Improve Aml (interacting)
<ul style="list-style-type: none"> Flavio Dhrami, fdhrami@yahoo.com, GitHub username Krist Thimjo, krist.thimjo@studenti.polito.it, GitHub username 	<p>Project Title Fast Order Polito</p> <p>Description Fast Order Polito's aim is to improve the current situation of the student cafeterias. It offers a solution for the overcrowded eating areas by adding more intelligence to the machines located just outside those locations.</p> <p>The software will allow students to make the order and the payment before entering the canteen, they can choose their favourite meal by using the touchscreen which includes all the available options of the daily menu, plus pictures.</p> <p>This will reduce both the ordering queue and the payment queue, by simply adding intelligence to the current machines (maybe add more machines too?). It is a relatively low cost solution, user friendly and helps both students and canteen workers during rush hours.</p>	<p>Action: No</p>
<ul style="list-style-type: none"> Cornelio Marco, murka93@libero.it, GitHub username di Girolamo Michele, michele.digirolamo.to@gmail.com, MicheledG Maiorano Damian, damian.maiorano.93@gmail.com, gadfly93 	<p>Project Title MyBikePlace</p> <p>Description Imagine you're arriving at Smart "Citadella Politecnico" with your bike. Maybe you're late and you would like to find the nearest place to your classroom to leave safely your bold but... you don't know exactly where. What you've to do is take your phone, unlock it and simply open MyBikePlace app, it will do the rest!</p> <p>MyBikePlace suggests you the best place for you and moreover, after an optional login, you also will be able to monitor your bike , avoiding to return home on foot.</p>	<p>Action: No</p> <ul style="list-style-type: none"> Too vague and unclear

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<ul style="list-style-type: none"> • Susanna Mari , s194529@studenti.polito.it , GitHub username • Truffa Giachet Francesco, s202976@studenti.polito.it, GitHub username • Philip L. d'Amore, s221427@studenti.polito.it, GitHub username 	<p>Project Title Smart Maintenance</p> <p>Description An online system that mix information from sensor and from users to control,monitoring and signalling fault in the campus (wc,lab,classroom,desk ecc). Every person in the campus can obtain information about what is now working and not and people may also help the maintenance of the campus by interact with the system. The Maintenance helper can improve efficiency and the quality of service of the politecnico campus .</p>	<p>Action: No</p> <ul style="list-style-type: none"> • Too general
	<p>Project Title Secretary Organizer</p> <p>Description An online system, which improves the queue for the student office. By categorising the issues of the attending users, and giving them the possibility to answer questions for each other, the system increases the efficiency of the student office and facilitates a user-based support community. (booking,monitoring,statistics on request, tickets exchange)</p>	<p>Action: No</p> <ul style="list-style-type: none"> • Too general
	<p>Project Title Refund Helper</p> <p>Description A system that supports the collection of empty bottles and/or cigarette buds through refund and with intelligent localization and emptying service . Inspired by similar systems established in countries as Germany and Denmark, the system offers an strong non invasive incentive to keep bottles and cigarette buds off the streets .</p>	<p>Action: No</p> <ul style="list-style-type: none"> • Too general • Interesting idea
	<p>Project Title Waste Assistance</p> <p>Description An assistant that helps people sort waste, by guiding them to throw their waste in the correct waste bins. By identifying which kind of waste the user is about to throw out, the system signals which waste bin is the correct one to select.</p>	<p>Action: No</p> <ul style="list-style-type: none"> • Too general
	<p>Project Title FoodWaste</p> <p>Description An intelligent system that aims to minimize the waste of food from the canteens by predicting what people at the polytecnico are going to eat, evt. through pre-ordering and pattern recognition. Possibly shows if there are excess amount of a certain types of food, and could encourage the user to buy this food though offers or nudging.</p>	<p>Action: No</p> <ul style="list-style-type: none"> • No Aml

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	<p>Project Title TourPlanner Description A system that incorporates weather, calendar, map, bus/metro/train lesson schedule information etc. to give the user transport suggestions. The system nudges the user to choose the healthiest transport possibility with least environmental impact. Ex. if the weather the next day if good the system wakes the user up in time to walk/bike to the politecnico instead of going by bus/car. With time the system should learn and adapt to user preferences and patterns.</p>	<p>Action: No</p> <ul style="list-style-type: none"> No Aml
	<p>Project Title Smart Class Description A system that combines the preferences of all the students present in a classroom/study hall on different parameters (T,H,Co2, light, etc), to an average setting which satisfies the majority of the people present. The system also supplies an interface where it is possible to book/exchange seats and interact with the others who are present. Ex. by notifying if your group is about to leave, and x-number of seats will become available.The system is also useful to choose the best class that can satisfy his preferences in term of the enviroment.</p>	<p>Action: No</p> <ul style="list-style-type: none"> Unfeasible
<ul style="list-style-type: none"> Walaa El Safadi, s215189@studenti.polito.it, GitHub username Aanal Basaula, s215668@studenti.polito.it , GitHub username 	<p>Project Title 1 INTERACTIVE CLASSROOM SYSTEM Description 1 A system that aims to improve student-teacher interaction in Politecnico. Students can connect their smart phones , tablets or laptops in synchronization with what is being projected in class ; Students can ask questions using their devices. It detects student performance in classrooms (attendance, participation) as well as teacher performance (answering questions effectively, quality evaluation by students at the end of each lecture). The system then uses this information to give suggestions for students to improve their performance in different courses; also giving feedback to professors.</p>	<p>Action: No</p>
	<p>Project Title 2 SMART ADS Description 2 A system that creates an online database of advertisements posted on politecnico boards. Students can access this database online and search through the sorted list of ads. It detects student activity (i.e what the student is searching for). Accordingly it can suggest new ads of the same category to help students find what they are looking for. The system also helps students who post ads to track how many students viewed their posts.</p>	<p>Action: No</p>

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	<p>Project Title 3 SMART NAVIGATION FOR THE VISUALLY IMPAIRED</p> <p>Description 3 We rely on our senses to view and learn our environment. These senses help us determine where we are in a certain space and allows us to navigate our way through obstacles to reach our required destination. This activity is not easy for the visually impaired as they are not able to perceive their environment in such a discrete way. We want to make Politecnico smarter by implementing a navigation system for the blind . It receives the current location of the user and the specified destination and directs the user accordingly. The feedback to the user will be in the form of audio and/or vibrating walking cane . The system is also able to route the user through less crowded hallways in polito by monitoring class hours. Example, if the class is about to begin or about to end, there is a high probability that the hallway is packed with students; and/or we can track the number of people in a certain area in any other way feasible. The system can also detect obstacles (permanent and temporary) making the navigation as accurate as possible.</p>	Action: Proceed
<ul style="list-style-type: none"> · Barbara Munoz, barbi.munoz.v@gmail.com, barbimunoz · Raffaele Gemitì, raffa_gem@hotmail.com, raffagem · Maria Serena Ciaburri, mariaserenaciaburri@gmail.com, mariaserena · Raimondo Gallo, raigal16@libero.it, RayPlugMeIn 	<p>Project Title: Polito information system</p> <p>Description The main scope of this project is to solve the problem of lack of information that affect us all when we arrive at a specific place. You can be a student, visitor, teacher or maybe part of the polito staff, if you need information about what you can do in a specific place inside the politecnico you will get it on your smart device just approaching the points of information that will be located all around the campus. There are so simple to use. This project is so flexible that it can be apply in so many different spots inside politecnico; notice boards, administrative offices, departments, CLA, laboratories, ... and depending on where you are your questions will be solve. Which kind of information? The one that will help you answer all those questions you have. For example: What services offers? How does this work? Am I in the right place? If I'm not where do I have to go? Maybe for the information I need I have to go to another office? Can somebody help me, without making that long waiting line? How many people are already in line? Can I receive the latest administration's news?</p>	Action: No <ul style="list-style-type: none"> • Too general
	<p>Project Title:EasyPark</p> <p>Description: The aim of "EasyPark" is to create a smart way to park. if you are a staff's member, before arriving at the campus, on your smart device, you will be able to choose and reserve a parking space of your preference. How does it work? Easy! On your smartphone or tablet you will find a map showing the available spaces and the system gives you the possibility to book the one that suits you better . At your arrival, your car will be recognized and your space will be signaled as 'occupied'. For those who didn't make the reservation, the system will show them the nearest free spot before entering the parking.</p>	Action: Strongly Re-think <ul style="list-style-type: none"> • The idea can be saved

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<ul style="list-style-type: none"> Jurgen Kello, jurgenkello@hotmail.com, GitHub username Jianmeng Wang, 3a2s4c4n79rtw3hth4teox5idn@public.talk.google.com , GitHub username Zixuan Lin, lzxsummer.home@gmail.com, GitHub username 	<p>1.Project Title STUDY ROOM MANAGER</p> <p>1.Description Tries to better manage the places in the study room by: reserving the place in advance,(resolves the problem of one student occupying more than one place). For the occupied places recognize if they are properly used or not, meaning if student occupying the place just left it's things and went away. In this case notify the student that his "study session" is ending(if he was away for too long).Also display the changes to better explain the situation for the other students in line. The system tries to exploit also the idea of students leaving the place free for a certain amount of time to reclaim it back later.(recognize the student if he comes back or continue the "study session" with the already seated one)</p>	<p>Action: Proceed</p> <ul style="list-style-type: none"> Better explain user action
	<p>2.Project Title Study-Buddy</p> <p>2.Description Need a friend to help you study in many aspects?We get the Study-Buddy! the system aims at improving your study: organize the notes better, and recorded material. give precedence to the most used notes, make a priority database. senses the user if it is near or not, so it can display the material or play the recordings. it can use shared notes from the internet.</p>	<p>Action: No</p>
	<p>3.Project Title Smart Air Freshor</p> <p>3.Description Do you feel uncomfortable? Yes, 60 people in a small classroom, I can not breeeeeeathe! hey, Here is a system designed for improving the average air quality in a classroom. Now,Students and professors will be able to enjoy themselves during their class time. The system exchanges fresh air from outside as soon as a bad quality of air inside has been sensed.What's more ,It remembers the "behavior" of the room and adjust it's weekly working schedule according to the feedback of users.</p>	<p>Action: No</p>
<ul style="list-style-type: none"> Najeeb UR Rahman,s187747@studenti.poli.to.it, GitHub s187747 Christophoros Papaioannou,xristofpap@gmail.com, GitHub s221517 	<p>Project Title Smart Video Recording</p> <p>Description Smart video recording will consist of automatic recording, streaming and uploading of each and every lecture and class activities(will be smart enough to follow the movement of the professor like writting in a blackboard or just explains lecture, in a certain boundary), so that those who where absent physically or mentally could never miss a point.</p>	<p>Action: No</p>

Group	Project	Evaluation
<ul style="list-style-type: none"> • Riccardo Cappuzzo, s191436@studenti.polito.it, ThCP • Roberto Marturano, s193718@studenti.polito.it, rmfb • Luca Mezzatesta, s193332, GitHub lukehalfhead 	<p>Project Title Marco Poli</p> <p>Description A smartphone application suggests different paths towards a destination chosen by the user, whose position is detected and followed thanks to checkpoints spread around Polito. The different paths can be improved through sensing the position of the user, the amount of crowd present in some critical positions and by measuring the length of the path itself. The collected information should improve the choice of paths over time, suggesting new paths according to settings defined by the user (e.g. the fastest route, the route with the least amount of people etc.). The application may notify the user of some particular situations sensed by the network, in order to suggest a route different from the one usually employed.</p> <p>Description (improved) The sensing part of the application above is improved and builds a thematic map which reports the concentration of people around Politecnico, inside the building as well as in the courtyard. It then notifies the user in case his/her position is close to a jam and in case an unexpected crowding occurs in particular spots. It can learn the routes taken by the user and then warn him/her in case there are problems occurring on that particular path. The application may provide suggestions for requests issued by the user e.g. during lunchtime, it finds a place where the user can eat.</p>	<p>Action: Strongly Re-think</p> <ul style="list-style-type: none"> • Better the second version • Must elaborate use-cases • Improve Aml
	<p>Project Title Ticket To Ride</p> <p>Description Web and smartphone application which allows to book for an administrative office service when a queue is expected. The application calculates the average waiting time and books again if the user doesn't arrive in time at his/her appointment. The application observes the flow of people and suggest moments of the day when the office is less crowded. It has an automatic notification system which alerts the user. In case the user isn't close to the office, further notifications may be issued.</p>	<p>Action: No</p>
	<p>Project Title Automatic Answering Machine</p> <p>Description A smart answering machine which should be installed in the offices of Politecnico. The answering machine explains to the caller the possible reasons for which the recipient didn't answer. It senses the presence in the office of the Professor (or employee) and can be set up so that it provides customized answers depending on the calling number. It employs a voice synthesizer in order to communicate with the caller.</p>	<p>Action: No</p>

Group	Project	Evaluation
<ul style="list-style-type: none"> • Andrea LANZETTA, s192440@studenti.polito.it, GitHub username • Cristiano OVIO, creeovio@gmail.com, GitHub username • Elif Büşra ERGÜN, elifbusraergun@gmail.com, GitHub username • Roberto RUBINO, s182782@studenti.polito.it, GitHub username 	<p>1.Project Title Take My Notes ! Description Have you ever miss some words during the lesson? It would not happen any more! Take My Notes is a device that catches teacher's words through the microphone, writes them for you in a text and publish them on the internet (e.g. a website) they are available to all the students to download. This way you can integrate your notes with your teacher's exact words. Moreover the student could read the words in real time on their smartphone or on some screen put on their table. The beginning and the stop of the recording of the words is activated by an RFID/NFC card brought by the professor.</p>	<p>Action: No</p>
	<p>2.Project Title NoNoise Description Are you looking for a quiet place to study? NoNoise will help you! He detects the noise level in the classrooms, then an application suggests you the most silent places where to go. In addition, in the classrooms there is a colorful bulb that gives the people inside a feedback about the noise they are doing, so they can control their voices.</p>	<p>Action: Proceed</p> <ul style="list-style-type: none"> • Better acting • Explore user interaction
<ul style="list-style-type: none"> • Alessandro Morichetta, ale.morichetta@gmail.com, jimmijamma • Dessiré Figueroa, dessirefigue@hotmail.com, GitHub username • Héctor Sáenz, saviest0.0@gmail.com , GitHub username • Paola Esquivel, paola.em1093@gmail.com, GitHub username] 	<p>Project Title Politronic Description ¿Do you have many electronic devices that you no longer use? You don't know how to get rid of them? Or you are not sure if they are going to end up in the correct place? Now you can bring all your electronic waste to Politronic, the new machine of recycling and treating for this kind of waste. Each time you bring an electronic waste and you put it in the machine, you have to log in with your student card, introduce your waste and according to the size and the kind of electronic device you will receive points that you can use for books, canteens, etc.</p>	<p>Action: Strongly Re-think</p> <ul style="list-style-type: none"> • Interesting idea • All Aml features must be expanded

Group	Project	Evaluation
<ul style="list-style-type: none"> • Stefano Iuliano, stefano.93iuliano@gmail.com, GitHub username • Claudio Poidomani, clod9353@gmail.com, GitHub username • Aniello Liguori, nelloliguori93@libero.it, GitHub username • Ann Margareth Rosa sin, a.m.rosabrusin@hotmail.it, GitHub username 	<p>Project Title Easy-Break Description</p> <p>Are you tired of wasting your time on a long queue? Too many people and you have to rush back to class? The break is too short to take a coffee or a pizza in the bar ? Easy-Break is the solution! An easy and intuitive system that allow you to order all that you want, from wherever you want. You can easily choose a product , via Web or mobile phone, and get your reservation . At the bar, your smartcard will be able to identify you, and pay the bill for you. The system is able to verify if a product is out of store, so you will select only a product that is really available.</p>	Action: No
	<p>Project Title Lesson –In – A –Click Description</p> <p>Haven't your lesson the video-lectures? Aren't you able to attend to all your lessons? Is your teacher too fast at cleaning the blackboard? Don't worry! We have a solution! Lesson –In – A -Click! An automatic system controls a camera that is able to take a photo of the blackboard, and to create a pdf file with all the notes your teacher write. It can be useful not only for students, but for "old school" teachers as well, if they prefer to write on the blackboard instead of use the PC.</p> <p>If the lesson isn't recorded yet, the camera could also do this, following the steps of the teacher, and allowing him to move around the numerous blackboards.</p>	Action: No