Project Plan

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| Week | Tasks | Start date | End date | Member |
| 30.10.19 – Database 1st Milestone + | 1. Flights: airports, airlines | 23.10.19 | 30.11.19 | Camilla |
| 3. Planes, (Routes) | 23.10.19 | 30.11.19 | Aiyazhan |
| 4. Taxi, Car | 23.10.19 | 30.11.19 | Aruzhan |
| 5. Users, Payment, Tour firm | 23.10.19 | 30.11.19 | Assemgul |
| 6.11.19 – Backend (BE) 2nd Milestone + | 1. Flight system  (Arrival, Departure, Schedule) | 30.11.19 | 6.11.19 | Camilla & Assemgul |
| 2. Data-time, Price ->Tickets (EDIT DATABASE) | 30.11.19 | 6.11.19 | Camilla & Assemgul |
| 3. Home and Info page design | (Visual interface temporarily designs) |  | Aiyazhan & Aruzhan |
| 4. For passenger’s page design |
| 13.11.19 – Mix 3rd Milestone | 1. Search & Menu bar (BE) | 6.11.19 | 13.11.19 | Camilla |
| 2. Info center (BE) | 6.11.19 | 13.11.19 | Assemgul |
| 3. “Help” Button (BE & FE) | 6.11.19 | 13.11.19 | Aiyazhan |
| 4. Arrival & Departure (FE) |  |  | Aruzhan |
| 20.11.19 – Mix 4th Milestone | 1. Booking system (BE) | 13.11.19 | 20.11.19 | Camilla & Assemgul |
| 2. User’s page (BE) | 13.11.19 | 20.11.19 | Assemgul |
| 3. Info center page (FE) | 13.11.19 | 20.11.19 | Aruzhan |
| 4. Search & Menu bar (FE) |  |  | Aiyazhan |
| 27.11.19 – Mix  5th Milestone | 1. Contacts (BE) | 20.11.19 | 27.11.19 | Camilla |
| 2. Review (BE) | 20.11.19 | 27.11.19 | Assemgul |
| 3. Crash case (BE) | 20.11.19 | 27.11.19 | Camilla |
| 4. Contacts (FE) | 20.11.19 | 27.11.19 | Aiyazhan & Aruzhan |
| 5. For passenger’s page (FE) |
| 4.12.19 – Frontend (FE)  Presentation week | 1. Final design | 27.11.19 | 4.12.19 | Aruzhan & Aiyazhan |
| 2. Testing website | 27.11.19 | 4.12.19 | Assemgul & Camilla |

50% this would be in our project: (Depends on time we have on hand)

* Ability to get notifications of delay and weather conditions, arrival, departure;
* Blog, News, Shop & Dine centers, Thighs to do in airport;
* Admission: statistics and changes;
* New databases: Partners, Reviews, Routes and etc.;

Project description

Airports are complex environments with unique challenges that require IT management with specific knowledge, wide-ranging capabilities, and versatile services to operate at peak efficiency. As IT students of sophomore year, we understand the challenges airport IT managers and passengers of airport face very day. So, our airport IT systems will be keeping passengers moving and operations flowing from end to end. Our WP team knows firsthand down time is costly. When there’s an issue you need to be able to trust it will be resolved expertly, efficiently, and cost-effectively. This is the main reason why we decided to make the better version of airport system for not Almaty citizens but also the one who are coming and visiting us again.

Purpose of this project is that we want to challenge ourselves, see new opportunities, try every branch of covered past knowledge as data analysis, data manipulation, machine learning, backend and frontend. The significance of good airport system is one of the first thing tourist will see when they wanted to visit us. Indirectly we are also helping to rise of tourism of Almaty.

Airport system designed for everyone. Literally anyone can use it: for visitors and the ones who leaves our beautiful city. The advantages of our project are that we want to create an improved and innovative version of the airport website we do have now. And our future project will be highly user-friendly so that everyone can easily understand it and even babies could use it. We wish it could be as good as Changi (Singapore), Hong Kong (China), Incheon (Korea) airport websites: user-friendly GUI, all needed information, no flood, right schedule with advanced features.

By the way, talking about features, we do know that not all passengers fly direct flights. Often, they have to use the connections, and when changing at large airports, it’s easy to get lost. A message sent in advance with the terminal and gate numbers will help the passenger not to get lost, but to arrive on time for boarding the next flight. It is advanced level of using airport app, and according to past experience and statistics among passengers’ requests, we made 4 main features, which every airport have:

* Departure Reminder: Sending such a message the day before departure will not only allow passengers not to make a mistake with the date and time, but will also be an incentive to once again check all the necessary procedures.
* Flight Delay Information: Aviation is an extremely unpredictable phenomenon, and punctuality of flight depends on many different factors. (delay, weather conditions and etc.)
* Arrival Airport Information: Where is the metro station, where is it best to take a taxi from, or how to find a car rental desk - all this knowledge will help the arriving passenger quickly navigate and move on.
* Feedback: Ask the passenger to rate your service and ask him to leave a response about the flight. The information collected will help you become better by identifying weakness and increase its effectiveness.

There are a lot of similar projects are going on, one of them are in process and most of them are already in need. One of the best projects are: [Changi](http://www.changiairport.com/en/flights.html), [Istanbul](https://www.istairport.com/en), [Incheon](https://www.airport.kr/ap/en/index.do) airports websites. Our idea is to collect the best features, design details and some ideas to develop our project. We consider one of the most successful projects in Kazakhstan are [Nur-Sultan Airport](https://www.nn-airport.kz/) and [Almaty Airport](http://www.alaport.com/), we do not necessarily compete with them, but we will try to make the better version of sum of two, because we will look up only to the best airport systems.

In the end, airport system app is one of the most important things in tourism, which come first after general tricks of tourist attractions, so this is why, we want to improve our system and challenge ourselves to the new beginning. Nevertheless, it was not the main reason why we decided to take this project, the possible answer to give is we desired to work with large data and see what we could actually do, but mostly because it sounds fun and interesting. We believe, firstly, you should like the theme and idea of upcoming work, then you will be as much creative as it required and be much more productive that was needed in first hand.

Team: WomenPower

Leader: Uali Camilla

Back-ender: Uali Camilla

Web-designer & Front-ender: Zhuniskhan Aruzhan(Design)

Baizhomartova Aiyazhan (Visual Interface)