**Trip Planner 2019**

**Goal**

Collect all the available services for planning a trip into a single, smart and easy tool box.

AIzaSyBoPUYEU6E7eFDe8x0LArODBgpTjNR5N4Q

**Parameters for comparison**

1. Age
2. Size of the group
3. Budget per day / trip
4. Length of the trip / hours to spend for a day
   1. Beginning - End of a daily trip
   2. Number of sites to visit per day
   3. Choose intensity of the trip – black red blue
5. Include / Exclude option such as –
   1. No bus transportation / only taxi
   2. Max walking distance between sites
6. Type of vocation – divided by percentage - % per each type of activity
7. How many lunches per day
8. Preferred type of food / limitation

* Check place you have been at to exclude from the list

**To Do**

Integrations:

1. Google Maps
2. Sites (TripAdvisor):
   1. Open/close hours of sites
   2. Entrance price
   3. Length of visit
   4. Average age
   5. Rank at TripAdvisor
   6. How tired you become

**Ideas**

* Punishment to similar items as the deleted one from created route.

**Working Plan**

1. Collect the data and store in excel
2. Divide the data according to..
3. Divide responsibilities between team members

**Anton**

1. Build GUI
2. Integrate with different providers such as google maps, moovit, tripadvisor
3. Store data in Mongo DB

**Presentation addons**

1. Each location with have explanations and photos with rating.
2. In the future – include vocal explanation about the site or even VR guide
3. Option to rent local guide
4. Integrate with hotels, car rental services
5. Learning algorithm which learns on the run user’s preferences and extends the data base.
6. Many ways to construct the trip –
   1. grab locations and update the data (total price for the day, time spent etc)
   2. Choose location on the map
   3. Auto creation of trips
   4. Multi days planner