**Final project** of groups 11c and 12c (3 people of the Deadly Viper Assassination Squad).

**In roles:** Roman Fedorchenko(s19312) as Elle Driver (code name California Mountain Snake),

Denys Ratushniak (s18289)as O-Ren Ishii (code name Cottonmouth) and

Andrii Vlasenko(s19144) as the Bride (code name Black Mamba).

**1 task, but not the last one:**

Description of our business project.

*«Find a friend with the same interests, and even several at once is difficult, and to do so in a single click is simply impossible, so the purpose of our work to translate this opportunity into reality and systematize this process, based on this, the most effective way to implement this task is to create convenient mobile application. »*

Business process (IT stage [part 2]) starts from client registering an account. After that system concurrently processing operations: it checks the clients email and preparing first stage(basic) recommendations of rooms with activities. If email is valid account is ready to use if not system asks client to write new email and confirm it. After email validation client goes to page with previously prepared rooms and asked to choose his own activities if he wants to. Whether client accepts to choose own activities or not he then asked to add some friends that are already registered or invite some by link if he doesn’t have such. After that step client will get an offer with a time limit discount for purchasing premium status to get special features of the app. If client rejects to buy premium the timer (2 days) with discount will start and after time up the discount wont be available. If client decides to pay system will request to fill payment fields and waits for approving the payment (2 hours). After that time if payment was rejected system will ask client to repeat that step again. If client decides to try again system will transfer him to previous step, but if he doesn’t nothing happen. If payment was successful client will get premium status with different features. After that client can create a room or choose already created one. If client chooses to create a room system will help him to understand the basic things about creating cool room for other clients, if client decides to take part in already existed system will show him rules about how to behave himself in rooms and how to prepare for meeting. If client created his own room system concurrently advices client to invite his friends for meeting and shows this meeting in feeds of other users. If client entered existed room he is also asked to invite his friends in that event. In both cases system waits (3 hours) for people to submit the presence and willingness to be there. If amount of people wasn’t enough, the meeting is cancelled and system advice different activities for user. If user decided not to choose different activities the process ends. If amount of users was gained successfully system submits the meeting and stop showing it in feed. After that business process goes to live mode and IT stage process ends.

(Event stage [part 1]) When meeting is submitted, volunteer booking place in google maps and fill data about the meeting that users created. After that if there will be any conflicts with other people that have already booked that place not via our app he solve them by chatting with people who already booked that place. If people agree to let our users to use location that they have booked volunteer thanks that people and process goes to the end of the meeting. If people decide not to let our users use that location at that time volunteer contact creator of the room and asks him to choose another location for the meeting (no more than 1 km away from first location). If creator agrees, other people will get push notification and process goes to the end of the meeting. If not volunteer contacts admin and ask for decision. If admin decides to cancel the meeting all members will get free 2 days premium status and the process ends, if admin decides to arrange meeting a bit in time the volunteer will contact people that already booked the place and will ask them to settle the limits when our users can come. After that volunteer send new time in chat of the room and if everyone agrees the meeting is placed in final stage and process goes to the end of the meeting. If one or more people disagrees volunteer excuses, close the meeting and whole process ends. When meeting ends system asks if everything was fine and advice to comment other participants. If everything went fine and there were no safety or different issues process ends. If there were some problems volunteer contacts the room creator and asks about problems. If there were some small conflicts two process starts at the same time volunteer asks all the details and send messages about how people should behave themselves and system checks comments that users left after that process for volunteer ends. If one of the users got more then 60% negative comments system sends him notification with behave rules and warning with temporary ban next time. If person already got this warning or he got 100% negative comments about bulling or abuse system automatically banns person for one week and the process ends. If creator of the room says about big conflicts volunteer asks admin to contact the room creator. After admin contacts the creator, he solve all problems and the whole process ends.

**3 Task with design(links on design website)**

1 link(part 1): <https://app.uizard.io/p/i8me291qH>

2 link: <https://app.uizard.io/p/axZbavf3N>

3 link: <https://app.uizard.io/p/2YDMkXraA>

**All other tasks will be attached as separate png images with appropriate names in the same folder as this document is.**