

## **Projects examples:**

### **1. A Question - Answers platform:**

- a. The platform allows users to login, add questions, answer questions, suggest edits/improvements and for the original user that added the question to choose the best answer; Answering questions, suggesting edits and getting accepted as the correct answer will result in a number of points and count towards different badges.

### **2. Goods exchange platform:**

- a. The platform allows users to find other people in the same area who would be interested in an exchange of items (eg. clothes, electronic devices); Personal data should be kept private and the platform will allow users to communicate using chat; once two people agree to exchange two goods registered on their profile (and the system acknowledges it), to finish the trade, both persons need to agree on a location and date for the exchange and checkin around that time and place.

### **3. Restaurant Booking platform:**

- a. The platform will allow users to choose and book a specific table with their favourite restaurants. It will provide a map view of the inside of the restaurant (similar to booking a movie ticket); It will require an email/sms confirmation prior to the event, in order to keep the reservation (without receiving a reply, it will cancel the reservation); once a reservation is made and the event happened, the system will allow feedback of the locale; positively evaluated feedback (thumbs up/down) will unlock new benefits (booking with a larger period in advance, for larger groups, etc).

### **4. Sports Events Management Platform:**

- a. The platform supports different users/roles (eg. admin, facilitator, player). There are different types of events (eg. indoor/outdoor, 1v1/2v2/11v11, coop or vs, etc). For each event there can be one or more facilitators who will conduct a particular sports activity. Players can make requests to enrol or can be assigned to activities automatically based on their set preferences (confirmation of attendance is explicitly required in this case). Players should have the possibility to view the results of sports events, as well as the leaderboards for the day, week, month, overall. Admins handle any objections or complaints raised by the players, by discussing with the facilitators and awarding points to players, penalties to facilitators or removing access to any of them on the platform.

### **5. Boardgame meetup:**

- a. Players can enter locations for a board game event, specify the games that are available and the desired time. People can attend, express preferences towards set games for the event or even suggest new games. When an event has reached the required number of players for one or more games, the initiator can choose one and notifies the players that registered, as well as the one who voted against that game. Attendees need to check in to validate their participation at the event. Application should already have a database of known games (available online) with necessary number of players, rules, etc. Players can reach ranks for each game and have badges for that (knows the rules, played X games, voted MVP x times, helper, etc). Players can vote for MVPs for an event, praise other players or report their behaviour (helpful, sore loser, toxic, etc).

## **6. Food order and delivery platform:**

- a. In this system there are four roles: Admin, Delivery User, Restaurant Manager and User. The admin can login, manage restaurants by adding, updating and deleting, manage delivery persons by adding, updating and deleting. Admin can also check registered users and the orders total count. Delivery user can login and see the orders, they can upload the status of the order whether it is picked, on the way or delivered. Restaurant manager can login and update their restaurants details, they can check for reviews and ratings given by users. Users can register and login. Users have the option to choose from restaurants nearby. User will get details of restaurants like name, location and reviews. Users can select the food from the menu list, can add to favourites. Users can view the history of their orders and the current orders status. Users will get a notification of the order status.

## **7. Group Expense Tracker system:**

- a. This platform allows multiple users to maintain an expense tracker. The user should register first to access the application. The platform allows users to add trips and provides the possibility to calculate all the expenses done by each member in the group for a specific trip. When creating a trip the user should specify the group size and will have the option to add other users to the trip. Each member of the trip will have the possibility to add expenses, update expenses and add other members. There are two types of expenses: personal and group expenses. Group Expenses should be divided between all members or specific subsets. When a user adds a group expense, the system will notify the other users the amount they have to pay to the user registering the expense. Expense tracking application will generate reports as and when required to show the expenses.

**8. Home management platform:**

- a. A home management platform where all the family members can be added, whenever a task needs to be done (such as buying milk). The platform should provide functionalities such as: members can create tasks and assign them to other members, when a task is assigned to a member a notification will be sent (by sms or email), members can mark tasks as completed or assign the task to other members.