

MVP definition notes

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Hypothesis for a testing

Primary Hypothesis

Secondary Hypothesis

Defining the MVP

Platforms

User scenarios

The mobile app for clients

Back office

Hypothesis

Primary Hypothesis

- The service is able to attract enough users for a minimum marketing budget spent
- Problems added within the service are going to be solved by a local city hall or nearby commercial organizations

Secondary Hypothesis

- The service is able to attract the moderators in the cities
- The users are going to add a significant amount of Problems

Defining the MVP

Platforms

The users need to have a quick access to a camera and GPS in order to add a Problem, thus, a mobile app would be the most relevant platform for the service.

The hypothesis is going to be tested on a Russian market so the Android devices were selected as the main platform due to its higher prevalence.

It is enough for the moderators to have a web-based back office.

The minimum requirement for primary hypothesis testing:

- Users: Android app
- Moderators: back office in the web-based back office

User scenarios

The mobile app for clients

The mobile app is going to only have the basic functions: adding/editing a Problem, following its status and changing it in case the user has personally checked whether the Problem was solved.

Actor	Name	Description	Priority
User	Add a Problem	The user is able to add the details of a problem by tagging it on the map and selecting the correct	High

		category and parameters for it	
User	View the list of Problems and their current statuses	The user is able to view the list of Problems he/she added and their current statuses	High
User	Edit a Problem	The user is able to edit a Problem he/she added	High
User	Change the status of a Problem	The user is able to change the status of a Problem in case he/she is aware that the problem was solved	High

Back office

The back office is going to have a basic functionality that mostly includes a problem detection and its editing. A moderator is the one responsible for sending official requests to the local city hall and nearby commercial organizations in addition to managing the app.

Actor	Name	Description	Priority
Moderator	The list of Problems around the city	The moderator is able to view a list of Problems in his/her city	High
Moderator	The moderator changes a status of a Problem	The moderator is able to change a status of a problem due to the review results and official requests sent	High
Moderator	The moderator edits a problem	The moderator is able to add changes occurred in the process of solving a Problem	High
Administrator	The administrator is managing users	The administrator is creating profiles of moderators and administrators as well as deletes and blocks them.	High