1.1

An automatic sudoku solver -> Prescriptive model: scheme describes all components of the system

A student calendar app with scheduled lectures. -> Predictive model: picture shows an example of how schedule lecture may look like.

An augmented reality set. -> Descriptive model: manual shows how to use VR glasses corectly.

Crowd size indication system for public transport. -> Descriptive model: manual explains how this system is working and how to use it correctly

1.2

Untappd

Big organisation - Have a test coverage of 97% and conduct unit testing biweekly.

Small organisation - Ensure the error rate in predicting user's favorite beer is low

An augmented reality set

Big organisation - Reduce the response time to 5 ms when there are more than 1500 people on one server

Small organisation - Ensure in smooth transition when immersed in virtual reality and have a user friendly interface

An interactive sudoku playing app

Big organisation - Making a survey based on 100 games to improve AI for single player every first Monday of the Month.

Small organisation - Ensure unit testing is done after every bug report and take into account the opinion of gamers to make the system user friendly

1.3

A student calendar app with scheduled lectures – Student, Teacher

An augmented reality set – Gamer, Designer

Crowd size indication system for public transport – Сonductor, Driver

1.4

As a conductor, I want to see the total number of passengers in my phone, so that I could not be distracted from work

- As a gamer, I want not to see the settings button, so I could fully immerse myself in virtual reality.

- In order to not be hurt during use of equipment as a gamer, I want to get notifications if I am too close to an object.

As a student, I want to get notifications about upcoming tests and deadlines in order not to miss them.

As a teacher, I want to be able to change order of lectures.

1.5

The user must be able to see the most important information in the phone – App for Android and Ios

The settings button must be hidden and appear only when the glasses are removed –A sensor which checks if the glasses are removed

The user must get a notification if a sensor finds an object nearby – An obstacle sensor

The student must get a notification if a test or some kind of deadline is approaching - A bot that will send notifications to an email

The teacher must be able to change lectures plan –Teacher account (which allows to edit lectures plan)

1.6

A student calendar app

Teacher

Student