Windows

Requirements and analysis model

Product description

A platform designed to support the operation of a window manufacturing, sales and installation company, namely the process of interaction with the customer, designed to reduce the time and material losses of the company and to increase customer interest in it. The latter is intended to be achieved by including in the AR system technology for measuring the approximate size of windows, which will allow users to calculate the cost of a window before ordering and to select the best option for them.
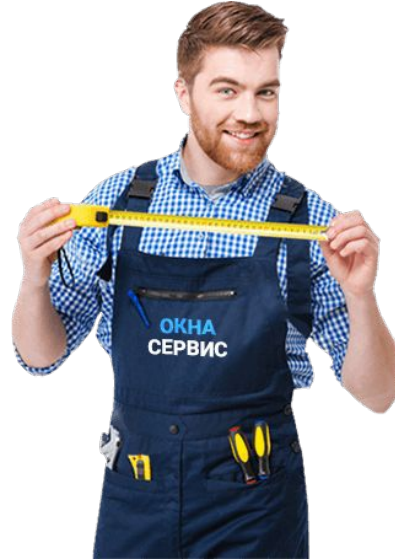
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Personas

Konstantin

35 y.o., owns a flat in Moscow region and lives in it.

Decided to renovate his flat and replace windows as well. Prefers to talk on the phone as little as possible. Price is important for him, so it preferable to see it before ordering.
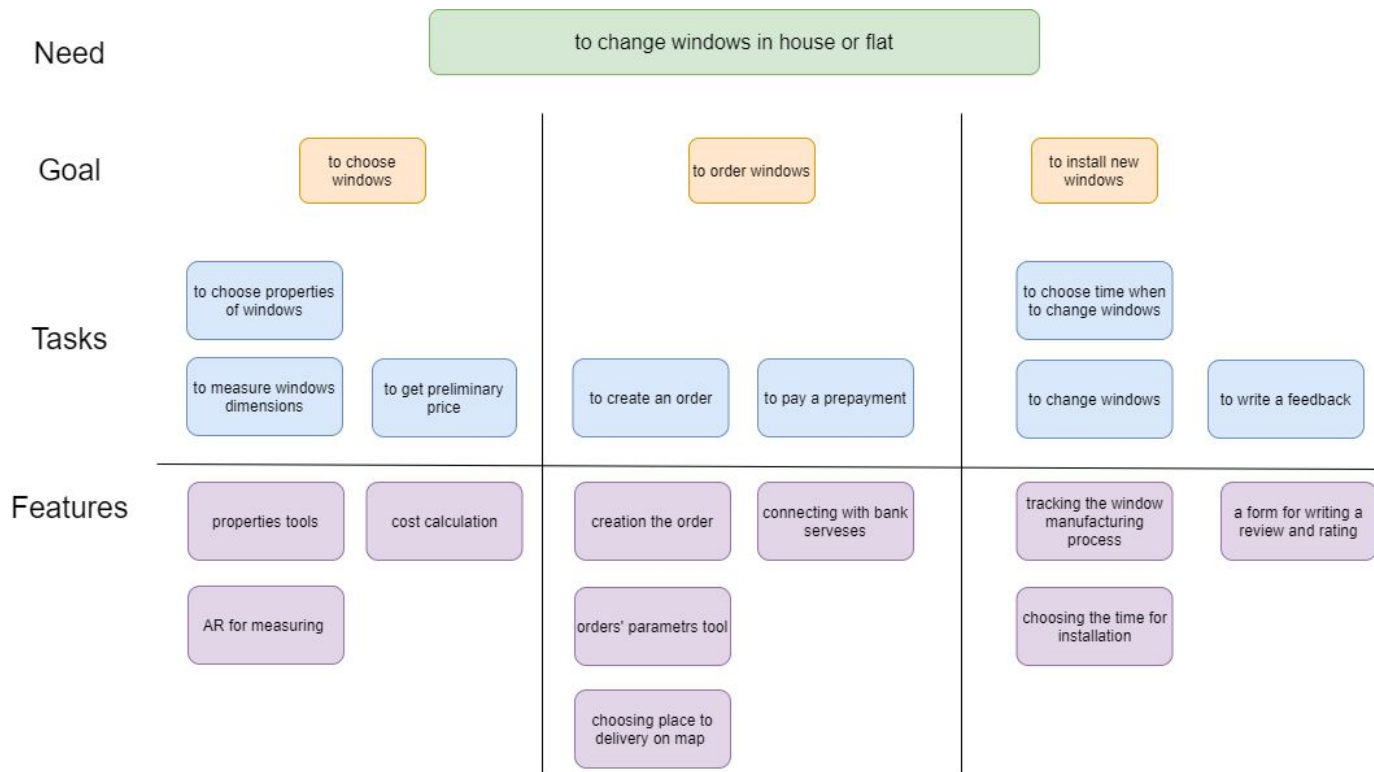

Alexander

30 y.o., works for an intermediary window company located in Moscow region.

Mostly uses his own car to get to customers. Wants to get rid of the need to go to the factory to hand over an order because of the traffics.
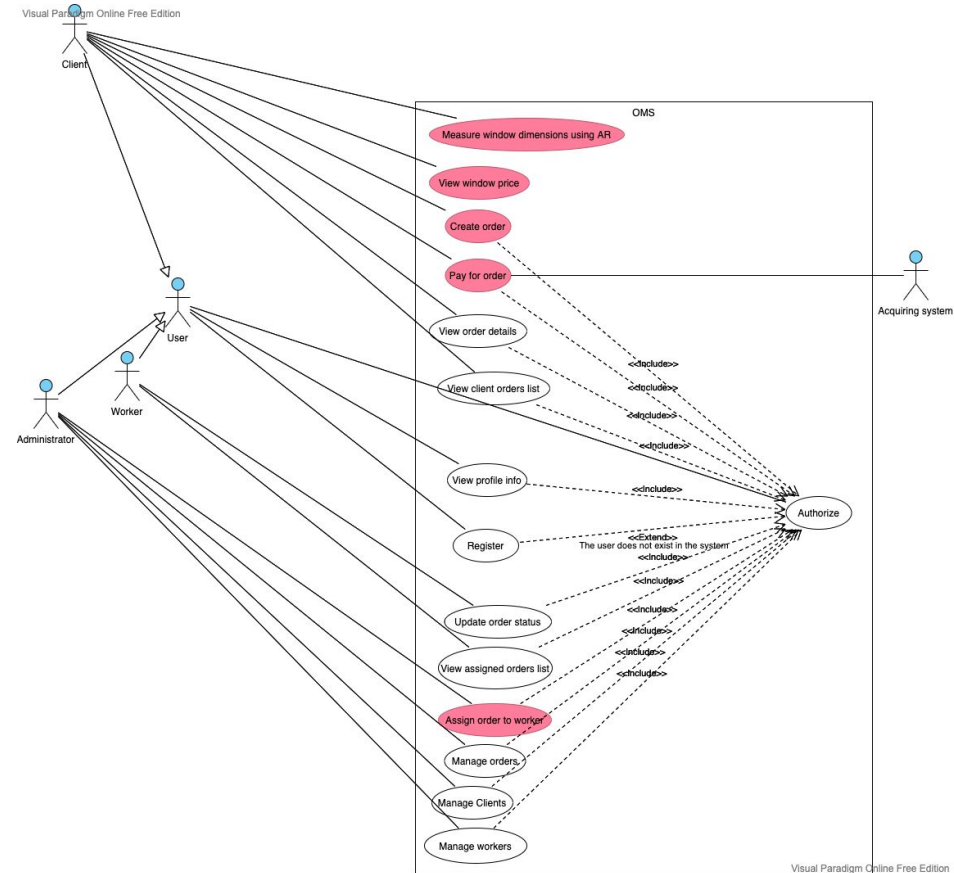
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Story map

Need	to change windows in house or flat

Goal	to choose windows	to order windows	to install new windows

Tasks

- to choose properties of windows
- to measure windows dimensions
- to get preliminary price
- to create an order
- to pay a prepayment
- to choose time when to change windows
- to change windows
- to write a feedback

Features

- properties tools
- cost calculation
- AR for measuring
- creation the order
- connecting with bank serveses
- orders' parametrs tool
- choosing place to delivery on map
- tracking the window manufacturing process
- a form for writing a review and rating
- choosing the time for installation

* User stories you can find in Notion page:

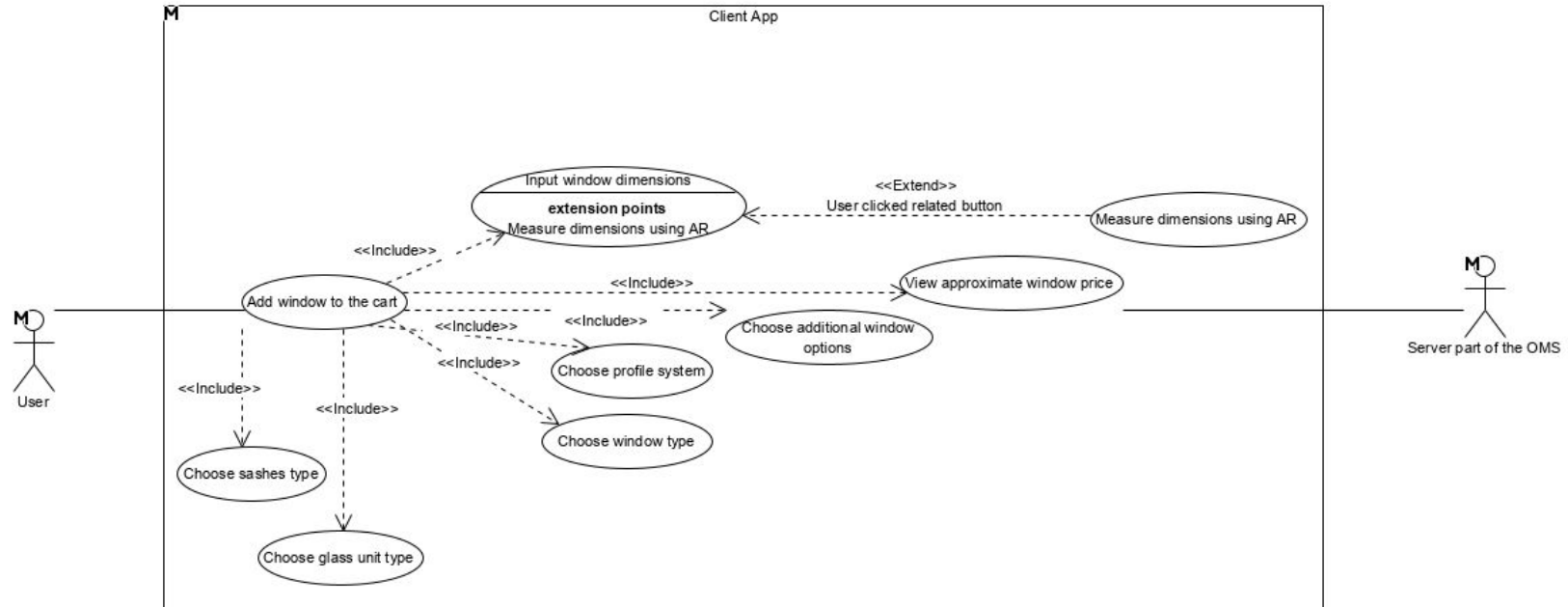*https://www.notion.so/User-story-9693d560c3264e7286bb580740f3b5d2*

Use case diagram

Use case diagram
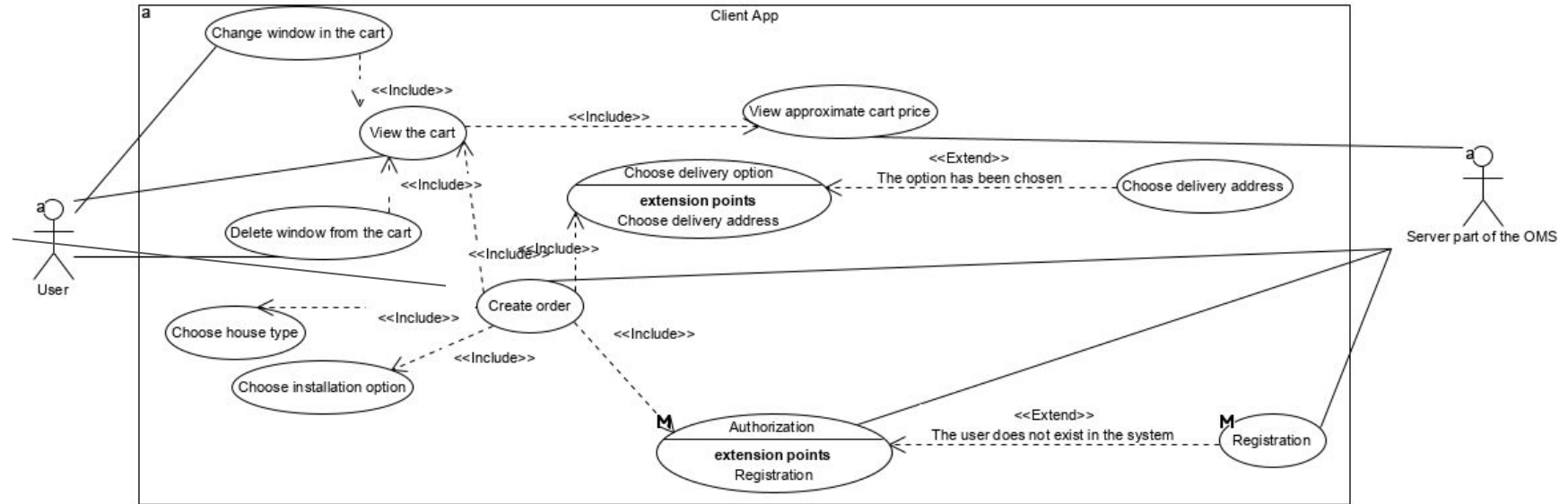
Use case diagram

Use case diagram
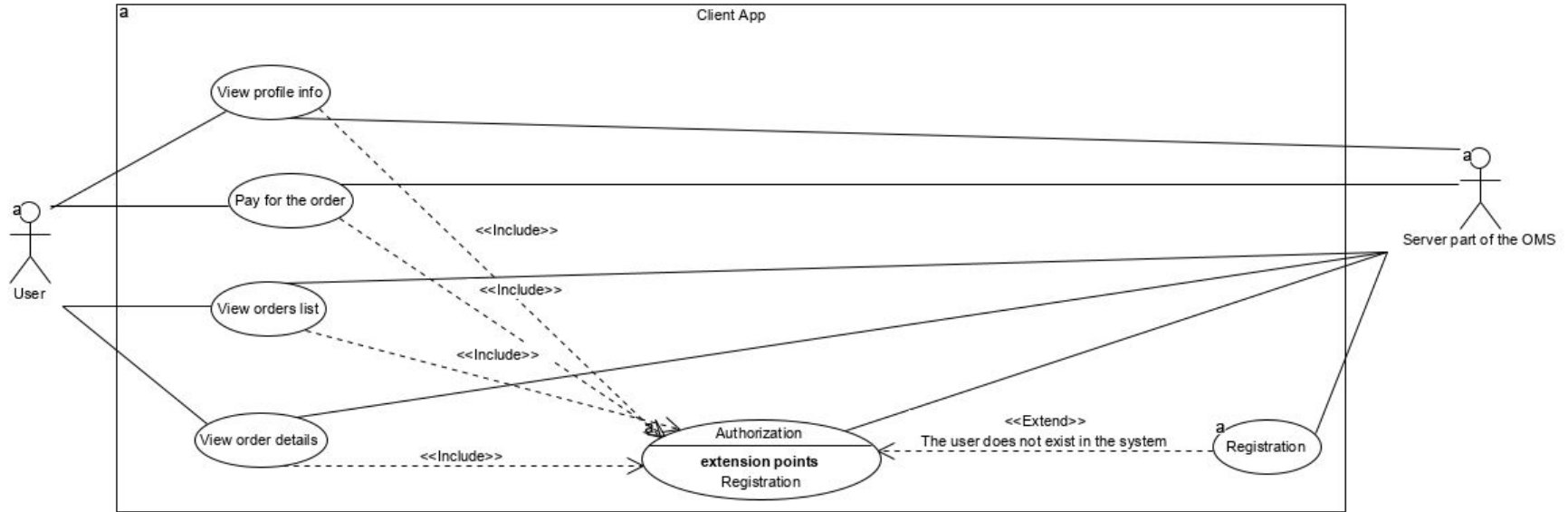
Interaction analysis

Use case	Actors	Class candidates
Measure window dimensions using AR	Client	Client, window
View window price	Client	Client, window
Create order	Client	Client, window, order
Pay for order	Client, Acquiring system	Client, order, acquiring system
Assign order to worker	Administrator	Administrator, order, worker

* Cards made in process of interaction analysis you can find in Notion page:
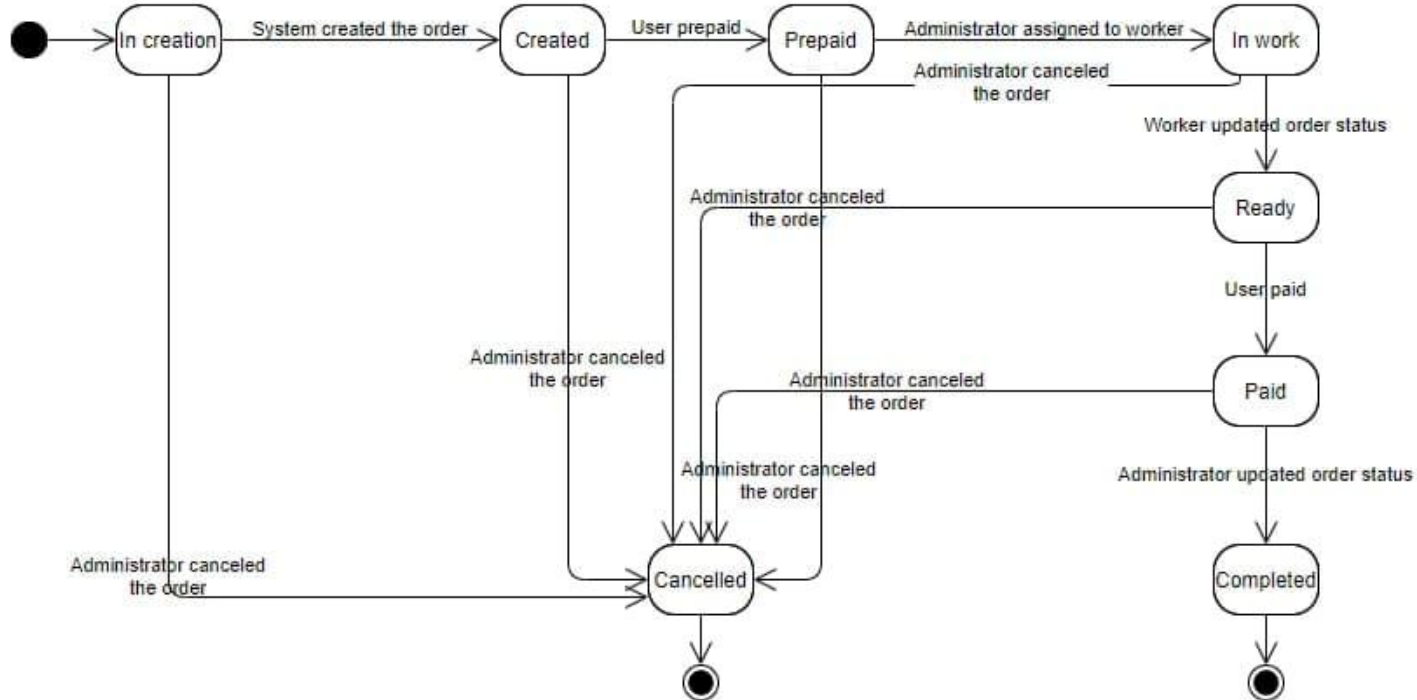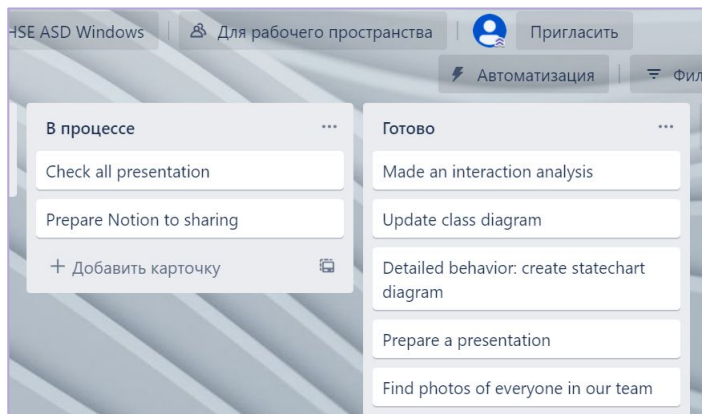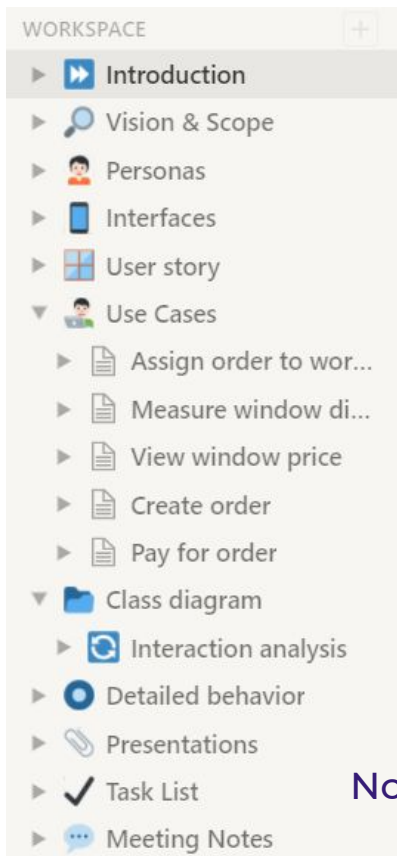
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Final class diagram

Detailed behavior

Repository structure

WORKSPACE

▶ ⏩ Introduction
▶ 🔍 Vision & Scope
▶ 🧑 Personas
▶ 📱 Interfaces
▶ 🪟 User story
▼ 🧑 Use Cases
  ▶ 📄 Assign order to wor...
  ▶ 📄 Measure window di...
  ▶ 📄 View window price
  ▶ 📄 Create order
  ▶ 📄 Pay for order
▼ 📁 Class diagram
  ▶ 🔄 Interaction analysis
▶ ⚪ Detailed behavior
▶ 📎 Presentations
▶ ✔ Task List
▶ 💬 Meeting Notes

Notion

HSE ASD Windows   ☐ Для рабочего пространства   👤 Пригласить

⚡ Автоматизация   ☰ Фил...

В процессе   ...

Check all presentation

Prepare Notion to sharing

+ Добавить карточку

Готово   ...

Made an interaction analysis

Update class diagram

Detailed behavior: create statechart diagram

Prepare a presentation

Find photos of everyone in our team

Trello

ASD SSE Проект
5 участников

| Закреплённое сообщение
Для сдачи tiny.cc/asd-project

Семен Соколов
Переслано от Anton
Dear all! For the tomorrow practice be sure to bring a notebook. At least one for a team.

Check also this template for the task report
https://tiny.cc/asd-template-product

You may also want to read about modeling users and features using CJM, USM and value proposition canvas (see the template).

Google Docs
Task 3. Product definition
<Project name> <Team members>

<Project name>
<Team members>

0:09

Telegram

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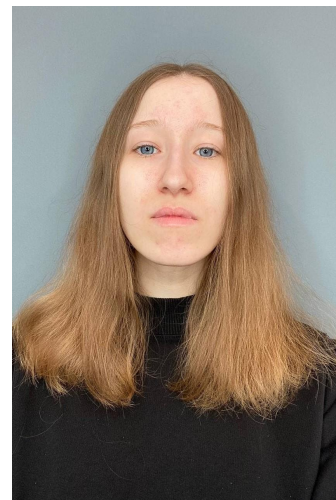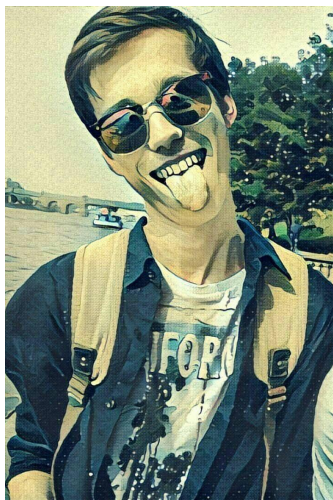
Team and roles

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Windows

Q&A

Valerii Belaventsev

Anna Shorina

Semyon Sokolov

Asgar Zagitov

Alina Kolchanova

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