Software Project, Summer 2023

Assignment 2: Backlog + Design

Objectives: *Apply what you learned about backlog, use case diagram and user stories.*
Apply what you learned about prototyping and/or API design.

ToDo: **Decide on the functionality of your product:**
- Make a Use Case diagram.
- Describe the features and functionals in User Stories format.
- Create a repository for your project in the university GitLab (https://gitlab.pg.innopolis.university).
- Create your product backlog with no less than 15 and no more than 20 items.
- Make the product backlog **DEEP**.

Choose either the Prototyping or API path to design your app/service:
- Prototyping path: Make IU sketches and turn it into a clickable prototype with **Figma**.
- API Design path: Specify your API according to best practices and mock it with **Postman**.

Review with the customer:
- Show the prototype and/or API design to the customer.
- Discuss the backlog with the customer.
- Choose what to implement for MVP V1 and define the future phases.
- Update your designs and backlog based on the customer feedback.

Deliverables: **Submit all of the below in one PDF:**
- Use Case diagram
- Link to your DEEP Product backlog
- UI design or API Design
- Link to your clickable prototype in Figma or Mock API in Postman
- Link to your GitLab repository
- Summary of key learning and feedback points

Your document should contain a **header** (or **title page**) with document title, date, your group, and your project. Moreover, you should list all team members that **actively participated** in the assignment.

Evaluation Criteria: **Your artifact will be evaluated based on:**

- Your document structure and clarity
- The DEEPness of the product backlog
- User stories format and relevance
- Use case diagram and phases breakdown
- UI prototype or API Mock, and its understandability
- Ability to synchronize with the customer & update the docs accordingly