**User Stories:**

|  |  |
| --- | --- |
| **1** | A user wants to register on the website |
| **2** | A registered user wants to login on the website |
| **3** | A logged-in user wants to logout from the website |
| **4** | A user can register as a student |
| **5** | A user can log in as a student |
| **6** | A student can read the student housing rental pages and offers |
| **7** | A student can sign up for a house presentation |
| **8** | A user registers as a landlord |
| **9** | A user logs in as a landlord |
| **10** | An admin wants to login on the website |
| **11** | An admin wants to see the list of accounts and their roles |
| **12** | A user wants to comfortably browse the website and find for what he searches |
| **13** | A landlord wants to create new entries |
| **14** | A landlord wants to edit old entries |
| **15** | A landlord wants to delete old entries |

**Epics/Hopes:**

* Create an intuitive and modern looking user interface
* Find a way to implement a colorful color scheme
* Create the necessary diagrams and plan well with them
* Implement the user stories into the product backlog
* Use the gained knowledge and experience to learn from it

**Product Backlog**

|  |  |  |  |
| --- | --- | --- | --- |
| **Product Backlog** | | | |
|  | **To-Do** | **Work-In-Progress** | **Done** |
| **Esitutkimusraporti** |  |  | * Product Idea * Project Organization * Goals * Costs |
| **Base Design Components** |  |  | * Navbar * List of products (houses and apartments) as a table * How to display product photos |
| **Color and Typography** |  |  | * Table color * Table font size * Navbar color * Font * Indicator arrows * Bar at the bottom |
| **Compare different User Interfaces** |  |  | * Create different examples in HTML & CSS * Decide which is the best * Optimize the User Interface * Create an interface for Login and Register |
| **Database** |  |  | * Learn SQL basics * Do the SQL tasks * Practice SQL * ER Diagram * Database Structure * SQL Sentences * Add the presentations field * Create relationships (primary key, foreign key) |
| **Functional Definition of the Website** |  |  | * Decide what the website is for * Write down what the function is of the website * Vision |
| **UML: Use Case Diagram** |  |  | * Create a Use Case Diagram * Optimize Use Case Diagram * Compare Use Case Diagram to the database * Formulate Use Case Diagram in text form |
| **Structure Diagram** |  |  | * Create the basic groundwork for the structure * Add details on how the different functionalities of the website interact with each other |
| **Sequence Diagram** |  |  | * Write down the basic sequence of events * Add details * Add how errors fit into the sequence * Add how login fails fit into the sequence |
| **Style Guide** |  |  | * Describe the different design elements in a single document |
| **User Stories** |  | * Number 6 * Number 7 * Number 10 * Number 11 | * Number 1 * Number 2 * Number 3 * Number 4 * Number 5 * Number 8 * Number 9 * Number 12 * Number 13 * Number 14 * Number 15 |

Here you can also find this list on Trello:

<https://trello.com/b/4e6DckMQ/product-backlog-home-rental-service>