**CST-391 Design Report**

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| --- | --- |
| **Topic:** | *Daniyar Abeuov Milestone 4* |
| **Date:** | *October 10, 2022* |
| **Revision:** | *1.1* |
| **Weekly Status Summary:** | |  |  |  | | --- | --- | --- | | **User Story / Task** | **Hours Worked** | **Hours Remaining** | | *Project Proposal* | *0.4* |  | | *Wireframe, Uml Diagrams, Sitemap, Risks* | *3* |  | | *Rest API Design, Implementation* | *8* |  | | *REST API Documentation* | *1* |  | | *Added new Rest API* | *2* |  | | *Angular UI Design* | *5* |  | | *Angular integration with API* | *3* |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |
| **GIT URL:** | *https://github.com/AbeuovDaniyar/CST391* |
| **Hosting URL:** | *The Hosting URL that I can use to access your application.* |

**Design Documentation**

**Install Instructions:**

*Download the zip folder. Unzip the folder and move it to the vs code workspace. Run npm init in the terminal in the root folder of the project. Then run npm run build and npm run. Note: MAMP server and database have to be configured properly either change the ports in index.js file or change in MAMP, phpmyadmin settings. Download and import the ddl script.*

**General Technical Approach:**

*You should, in words, describe your approach and design here. You should also summarize any meeting notes, brainstorming sessions, etc. that you want to retain thru the design of your project.*

**Key Technical Design Decisions:**

*Any final technical design decisions, such as framework decisions etc., should be documented here. This should list the technology/framework, its purpose in the design, and why it was chosen.*

**ER Diagram:**

Graphical user interface, text, application, chat or text message

Description automatically generated

Figure ER Diagram

**DDL Scripts:**

Csv files ongithub

**Sitemap Diagram:**

A picture containing timeline

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Figure Sitemap

**Security Design:**

*This section should outline the design for how authentication and authorization was supported. This section should also contain all of the roles and privileges that are supported by the design.*

**REST Service Interface Design:**

*REST API Documentation Swagger link:* <https://app.swaggerhub.com/apis/Daniyar/CST-391-REST-API/0.1>

**User Interface Diagrams:**

Diagram

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Figure Home page

Diagram

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Figure 5 Product Details

Chart

Description automatically generated

Figure 6 Add Product

Chart

Description automatically generated

Figure 7 Edit Product

**Class Diagrams:**

Text

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Figure UML Diagram

**Other Documentation:**

*REST API Documentation Swagger link:* <https://app.swaggerhub.com/apis/Daniyar/CST-391-REST-API/0.1>