**CST-235 Java Application Programming Project Status and Design Report**

|  |  |  |
| --- | --- | --- |
| **Topic:** | *Topic 1: Introduction to Java EE* | |
| **Date:** | *October 16th, 2022* | |
| **Revision:** | *1.0* | |
| **Team:** | 1. *Joshua Zachary Beck* | |
|  | |
|  | |
|  | |
| **Weekly Team Status Summary:** | |  |  |  |  | | --- | --- | --- | --- | | **User Story** | **Team**  **Member** | **Hours**  **Worked** | **Hours Remaining** | | *Created domain, site map, put together project report, entire assignment* | *Joshua Beck* | *~3* | *0* | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | | |
| **GIT URL:** | *https://github.com/joshuazbeck/milestone-cst-235* | |
| **Peer Review:** | *Y* | We acknowledge that our team has reviewed this Report and we agree to the approach we are all taking. |

**Planning Documentation**

**Agile Scrum Product Backlog:**

[*https://github.com/users/joshuazbeck/projects/1/views/*](https://github.com/users/joshuazbeck/projects/1/views/)*1*

**Agile Scrum Sprint Backlog:**

[*https://github.com/users/joshuazbeck/projects/1/views/1*](https://github.com/users/joshuazbeck/projects/1/views/1)

**Agile Scrum Burn Down Chart:**

[*https://github.com/users/joshuazbeck/projects/1/views/1*](https://github.com/users/joshuazbeck/projects/1/views/1)

**Agile Retrospective Results:**

|  |
| --- |
| **What Went Well** |
| **Time management went well as the product was completed on time** |
| **Issues were tracked in Github** |
| **Reports were completed and initial designs completed thoroughly** |

|  |  |  |
| --- | --- | --- |
| **What Did Not Go Well** | **Action Plan** | **Due Date** |
| **The project was started late** | **Ensure groups are known before the start of the week** | **10/16/22** |
|  |  |  |
|  |  |  |

**Design Documentation**

**Install Instructions:**

*No install currently*

**General Technical Approach:**

*This project will be programmed using Java EE. It will be in the form of a webpage with login, product view, product edit, and product list functionalities.*

**Key Technical Design Decisions:**

*Most frameworks necessary to be utilized will be included in Java EE. If a REST backend is needed, most likely this will be implemented also in Java EE on a separate server for consistency across all platforms.*

**Known Issues:**

*Implementation is still forthcoming. Nothing currently.*

**Risks:**

*There could be risks of user interface clumsiness as many individual components will be formulated separately. Therefore, coming up with a clean UI beforehand will be important to create UI/UX consistency.*

**ER Diagram:**

*Table

Description automatically generated*

**DDL Scripts:**

*N/A*

**Sitemap Diagram:**

**User Interface Diagrams:**

*N/A*

**Class Diagrams:**

*N/A*

**Service API Design:**

*N/A*

**Security Design:**

*N/A*

**Other Documentation:**