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

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| --- | --- | --- |
| **Topic:** | Topic 1 Milestone 1 | |
| **Date:** | 1/16/2021 | |
| **Revision:** | 0.0 | |
| **Team:** | 1. Max Weber | |
| 1. Kayla Currier | |
|  | |
|  | |
| **Weekly Team Status Summary:** | |  |  |  |  | | --- | --- | --- | --- | | **User Story** | **Team**  **Member** | **Hours**  **Worked** | **Hours Remaining** | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | | |
| **GIT URL:** | https://github.com/GCUCoding/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:**

[Java Scrum Report.xlsx](https://mygcuedu6961-my.sharepoint.com/:x:/g/personal/mweber8_my_gcu_edu/EWMEuJCucJJCp1wRCszyFicBOISechXCFYsOmkg8fgUKjQ?e=CSVCou)

**Agile Scrum Sprint Backlog:**

[Java Scrum Report.xlsx](https://mygcuedu6961-my.sharepoint.com/:x:/g/personal/mweber8_my_gcu_edu/EWMEuJCucJJCp1wRCszyFicBOISechXCFYsOmkg8fgUKjQ?e=CSVCou)

**Agile Scrum Burn Down Chart:**

[CST-235 Burndown Chart.xlsx](https://github.com/GCUCoding/CST-235/blob/main/CST-235%20Burndown%20Chart.xlsx)

**Agile Retrospective Results:**

*The following table should be completed after each Retrospective on Things That Went Well (Keep Doing). An alternative to the following table is to use a mind mapping tool such as Coggle; if you use a mind mapping tool, you must include the URL or image file.*

|  |
| --- |
| **What Went Well** |
|  |
|  |
|  |

*The following table should be completed after each Retrospective on Things That Didn’t Go Well (Stop Doing) and What Would Be Done Differently Next Time With an Action Plan to Improve (Try Doing and Continuous Improvement). An alternative to the following table is to use a mind mapping tool such as Coggle; if you use a mind mapping tool, you must include the URL or image file.*

|  |  |  |
| --- | --- | --- |
| **What Did Not Go Well** | **Action Plan** | **Due Date** |
|  |  |  |
|  |  |  |
|  |  |  |

**Design Documentation**

**Install Instructions:**

N/A

**General Technical Approach:**

We are looking to create a functional shop to house a shark marketplace. This will allow users to sign in, view products, and purchase products. It will allow admins to edit inventory and edit users.

**Key Technical Design Decisions:**

We will set up the shop in a grid format, allow people to browse products without logging in, require them to log in before purchase, and create a dynamic navbar that allows for easy page navigation.

**Known Issues:**

N/A

**Risks:**

Having too many features could cause issues with time management and workload in the future. If this becomes an issue, we can get rid of optional features and make it easier to build. We can also focus on building the required pages before adding in the optional pages.

Unfamiliarity with Java EE could cause hiccups in design and development. This can be remedied by going to class and utilizing extracurricular resources to learn more about how to do what we need with the language/services.

**ER Diagram:**

N/A

**DDL Scripts:**

N/A

**Sitemap Diagram:**

<https://www.gloomaps.com/WrJlh4cVHb>

![Graphical user interface

Description automatically generated]()

**User Interface Diagrams:**

Diagram

Description automatically generated

A white board with writings on it

Description automatically generated with medium confidence

**Class Diagrams:**

N/A

**Service API Design:**

N/A

**Security Design:**

N/A

**Other Documentation:**

N/A