Axion All Access

​Team members:

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## Description

The Superhero App is a Single Page Application designed to allow a corporation that to maintain a fictional database of superheroes and villains. Heroes, teams, and employees of the corporation are allowed to access it and update information as the world evolves.

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## Requirements

Last updated: 1/30/20, 1051 CST

*Not Started - In Progress -* ***Complete***

**1. [10%] Functionality should reflect the below user stories.**

2. [70%] Data is stored in a database.

*Local H2 in-memory database. 100% when remote database link established*

3. [70%] A custom stored procedure is called to perform some portion of the functionality.

*Local H2 in-memory procedures. 100% when procedures stored on remote database*

**4. [MET] Data Access is performed through the use of JDBC in a data layer consisting of Data Access Objects.**

~~5. [ ] All input is received using the java.util.Scanner class.~~

~~6. [] Log4j is implemented to log events to a file.~~

**7. [MET] A minimum of one (1) JUnit test is written to test some functionality.​**

8. [20%] Stack must implement:

\* [20%] Platform:

[20%] AWS,

[20%] EC2

[20%] RDS,

[20%] Jenkins

**[MET] Maven**

**\* [MET] Front End:**

**[MET] HTML**

**[MET] CSS,**

**[MET] BootStrap**

**[MET] Angular**

**\* [MET] Back End:**

**[MET] Java - Implemented**

**[MET] Spring**

\* [50%] Database:

[40%] Oracle DB

**[MET] Hibernate**

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## User Stories

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|  |  |
| --- | --- |
| **Employee of Super Corporation**  [40%] Approve / Reject promotion to team leader  [0%] Register an employee  [0%] View a log of all database activity  **[Complete] Log in**  [20%] Log out |  |
| **Super Team Leader** **[0%] Approve Team Transfer**  **[0%] Reject Team Transfer**  **[0%] Add Team Members**  **[0%] Remove Team Members** |  |
| **User**  **[Complete] Register a user\***  **\****Duplicate registration problem*  **[Complete] Log in**  [70%] Log Out  *Logout buttons not functional yet, but present*  [20%] Make a transfer request  *Button laid out.*  [0%] Create a team  [0%] Request promotion to team leader  **[Complete] Search Superheroes / Supervillains**  [40%] Get aggregates and statistics |  |
| ***Stretch goals***  *Super Team Leader*  [Unplanned] Add Team locations  [Unplanned] Modify Team Locations  *User*  [Unplanned] Modify hero/villain location  [Unplanned] Team Status  *Unsorted*  [Unplanned] Microtransactions  [Unplanned] For-purchase expandable Hero Limits  [Unplanned] Sweepstakes |  |

## UX Modules

User Login Page: Rian

User Page: Reginald

User Page[Leader]: Tom / Reginald

Employee Login Page: Sufyan/Rong

Employee Page: Sufyan/Rong

\*Team Status:

0 - Dead

1 - Active

2 - Lost

3 - Unknown

4 - Suspended

5 - Frozen in Carbonite

6 - Other

7 - Bought out by Disney and deemed “not family friendly” enough for continued existence

## Object Layout



Power Scale:

|  |  |  |
| --- | --- | --- |
| # | Meaning | Example |
| 0 | Dead | Amy Winehouse |
| 5 | Pansy Human | Steve Rogers |
| 10 | Normal Human | Average Joe |
| 20 | Maximum Achievable Strength | John Cena |
| 30 | Superhuman | Captain America |
| 40 | Extreme Superhuman | SPARTAN-II (Mjolnir) |
| 50 | Demigod | Thor, Hulk (MCU) |
| 100 | Astronomical (Soft Max) | One-Punch Man |
| 1000 | Universal | Heaven Piercing Gurren Lagann |