**Sprint 1 Backlog**

The goal of sprint 1 is to get all system interfaces connected and working properly, while also completing user creation/login features of the videogram application.

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| **Item #** | **Story** | **Est** | **Actual** | **Status** |
| **1** | **Implement all system interfaces.** | **9** | **9** | **Done** |
|  | Task 1: Set up the private database instance hosted by AWS. | 2 | 1 | Done |
|  | Task 2: Set up the public server instance hosted by AWS. | 2 | 2 | Done |
|  | Task 3: Set up the main back end application running on the public server. Application should listen for http requests. | 4 | 5 | Done |
|  | Task 4: Set up a basic javascript function to send http requests. | 1 | 1 | Done |
| **2** | **Implement all necessary database tables.** | **3** | **2** | **Done** |
|  | Task 1: Add all necessary tables needed for user creation and authentication into the database. | 2 | 2 | Done |
| **3** | **As an unauthorized user, I must be able to create an account.** | **10** | **14** | **Done** |
|  | Task 1: Set up front end UI to allow for a user to enter new user data, “Username”, “Password”, “Firstname”, “Lastname”, “Email”. | 3 | 4 | Done |
|  | Task 2: Set up front end UI to send new user data via an http request with JSON formatted user data { Username: “”, Password: ””, Firstname: “”, Lastname: ””, Email: “” }. | 1 | 1 | Done |
|  | Task 3: Set up back end application to handle an http post request from front end UI sending JSON formatted user data, { Username: “”, Password: ””, Firstname: “”, Lastname: ””, Email: “” }. | 3 | 6 | Done |
|  | Task 4: Set up back end application to insert the new user data into the private database. | 2 | 2 | Done |
|  | Task 5: Set up back end application to verify new user credentials (must be no duplicate usernames) and return a response back to the front end UI with the result (success/failure). | 1 | 1 | Done |
| **4** | **As an authorized user, I must be able to log in.** | **6** | **7** | **Done** |
|  | Task 1: Set up front end UI to allow for a user to login via entering a Username and Password | 2 | 4 | Done |
|  | Task 2: Set up front end UI to send user entered login credentials via http post request with JSON formatted user data { Username: “”, Password: ”” }. | 1 | 1 | Done |
|  | Task 3: Set up back end application to handle an http post request from front end UI sending JSON formatted login credentials, { Username: “”, Password: ”” }. | 2 | 1 | Done |
|  | Task 4: Set up back end application to verify user login credentials against data stored in the private database and return a response back to the front end UI with the result (success/failure). | 1 | 1 | Done |
| **Total Hours** | | **28** | **32** |  |