

| User Type | Epic         | User Story   | Req #              | Wireframe # |  |
|-----------|--------------|--|--------------------|-------------|--|
| Member    | Login        | As a member I can login using email and password so I can access my account  | M0                 | M0          |  |
|           |              | As a member I am told if my email or password is invalid so I know what's happening  |                    | M0          |  |
|           | My account   | As a member I can edit my personal information so the librarian can contact me   | M7                 | M1          |  |
|           |              |  |                    |             |  |
|           | Artifacts    | As a member I can reserve artifacts so I can loan them at the library  | M3, M4, M6         | M2          |  |
|           |              | As a member I can reserve up to four artifacts so other people get a chance to loan the same artifact  |                    | M2          |  |
|           |              | As a member I can reserve an artifact whether it is on loan or available so I always have the chance to loan it  |                    | M2          |  |
|           |              | As a member I can view an artifact so I can find more information about it   |                    | M3          |  |
|           |              | As a member I can search for desired artifacts so I can reserve or view the artifact's information   |                    | M4          |  |
|           |              |  |                    |             |  |
|           | Loans        | As a member I can view the list of loans I currently have so I can see what I loaned and for how long  | M1, M2, M5         | M5          |  |
|           |              | As a member I can view the list of historical loans so I can see what I've loaned and reserve it if desired  |                    | M6          |  |
|           |              | As a member I can only renew a loan if and only if it is not currently reserved  |                    | M5          |  |
|           |              | As a member I can renew up to a maximum of 7 days so I am not loaning it for too long  |                    | M5          |  |
|           |              | As a member I can renew loans so I can have more time to read it   |                    | M5          |  |
|           |              | As a member I want to know if I reserved or renewed an artifact successfully so I don't need to waste a trip to the library                                  | A4                 |             |  |
| Librarian | Login        | As a librarian I can login to do what a member could with the addition of accessing the library management system  | L0, A6             | L0          |  |
|           | Artifacts    | As a librarian I can add or remove artifacts so the library management system's collection can be edited   | L1, L6, L7, L8, L9 | L1          |  |
|           |              | As a librarian I can reserve any artifact for a particular member so they have a chance to loan it   |                    | L2          |  |
|           |              | As a librarian I can record loaned artifacts so I can keep track of the loans in order to perform various actions such as renew loan if needed               |                    | L2          |  |
|           |              | As a librarian I can record returned artifacts so I know which artifacts have yet to be returned and perform various actions such as fine a member if needed |                    | L2          |  |
|           |              | As a librarian I can search for any artifact so I can edit or view its information   |                    | L3          |  |
|           |              | As a librarian I can add any artifact quickly without typing every detail manually   | A2                 |             |  |
|           | Members      | As a librarian I can view any particular member's current loans so I can see the details of their loans  | L2, L3, L4, L10    | L2          |  |
|           |              | As a librarian I can view any particular member's historical loans so I can see the details of their loans   |                    | L2          |  |
|           |              | As a librarian I can edit any particular member's profile so I can change their details such as whether they are a librarian or member                       |                    | L5          |  |
|           |              | As a librarian I can also browse, reserve, renew, and loan artifacts without needing another account   | A6                 |             |  |
|           | Loans        | As a librarian I can renew any member's loans so they have an extended borrowing time  | L5                 | L2          |  |
|           |              | As a librarian I can renew member's loans in advance   | A6                 |             |  |
| Guest     | Artifacts    | As a guest I can browse and search the artifacts available in the library management system  | G0                 | G0          |  |
|           |              | As a guest I can browse and see what artifacts are recently added and popular  | A0                 |             |  |
|           | Registration | As a guest I can register to join the library by providing a full name, email and password   | G1                 | G1          |  |
|           |              |  |                    |             |  |