**Library Information System Assignment**

The Space Presidents

Team Member 1  
Adam Shorten O’Reilly

Team Member 2  
Luke Murphy

Team Member 3  
Sean Ennis O’Toole

17364606 17426404 17469914

**Requirements Review**

Please complete the following tables indicating which of the mandatory requirements you have completed. In cases where there is an issue or you interpreted the requirement in a specific way, please use the comment field to clarify the issue / your interpretation. In the status column indicate whether each requirement was: COMPLETED (you did it), NOT STARTED (you didn’t do it), PARTIAL (you did part of it).

**Member Requirements Progress**

|  |  |  |  |
| --- | --- | --- | --- |
| Req. # | Title | Comment | Status |
| M0 | Member Login |  | COMPLETED |
| M1 | View List of Loans |  | COMPLETED |
| M2 | Renew Loans |  | COMPLETED |
| M3 | Reserve Available Artifacts |  | COMPLETED |
| M4 | Reserve On Loan Artifacts |  | COMPLETED |
| M5 | View Loan History |  | COMPLETED |
| M6 | Search for Artifacts |  | COMPLETED |
| M7 | Update Profile |  | COMPLETED |

**Librarian Requirements Progress**

|  |  |  |  |
| --- | --- | --- | --- |
| Req. # | Title | Comment | Status |
| L0 | Librarian Login | Same login as member. Initial Librarian defined in database before, can add more. | COMPLETED |
| L1 | Add / Remove Artifacts |  | COMPLETED |
| L2 | Search for Members |  | COMPLETED |
| L3 | View Members Current Loans |  | COMPLETED |
| L4 | View Members Past Loans |  | COMPLETED |
| L5 | Renew Loans |  | COMPLETED |
| L6 | Reserve Artifacts |  | COMPLETED |
| L7 | Record Loaned Artifacts | Assumed this meant being able to loan artifacts to a user so a librarian can loan an artifact to a specific user when viewing the list of artifacts | COMPLETED |
| L8 | Record Returned Artifacts | Assumed this meant being able to return artifacts for a user so a librarian can return a member’s loans when viewing their list of current loans | COMPLETED |
| L9 | Search for Artifacts |  | COMPLETED |
| L10 | Edit Member Profiles |  | COMPLETED |

**General Requirements Progress**

|  |  |  |  |
| --- | --- | --- | --- |
| Req. # | Title | Comment | Status |
| G0 | Search for Artifacts |  | COMPLETED |
| G1 | Join Library |  | COMPLETED |

**Additional Requirements**

Describe any additional requirements you have completed above and beyond the spec of the project. Use as much space as you require to do this.

When a user registers to the library, an email is sent to their email address containing their information they need to login.

Made a really nice logo.

Summarise these requirements using the requirements table below.

|  |  |  |  |
| --- | --- | --- | --- |
| Req. # | Title | Comment | Status |
| A0 | Email upon Registration |  | COMPLETE |
| A1 | Logo |  | COMPLETE |

**Reflections**

Please summarise your experiences on the project: what did you learn; what challenges did you have to overcome; what would you have done differently if you could have started over.

**DO NOT WRITE MORE THAN ONE PAGE**

Adam Shorten O’Reilly 17364606

I have definitely improved upon my HTML, CSS and bootstrap from this project; as I had done no work on them previously. My understanding of databases and their interaction with websites in a practical manner has also improved. The main challenge to overcome was scheduling and distributing the load of work. I feel like if we had placed a higher priority on the organizational aspect of the project, that we would have encountered far fewer difficulties.

Luke Murphy 17426404

I feel like I gained a lot of insight into server side programming as this was my first experience with it. We had some difficulties in the beginning with th:if statements as I’d never previously encountered them. Time management was another issue; I found that it was hard to find time to complete the project because of how busy our shortened trimester was, but our group tried to meet up as often as possible and it paid off in the end.

Sean Ennis O’Toole 17469914

I gained a lot of experience into the back-end aspect of web design, which was something I had little experience in previously. I also learned a lot about bootstrap and Thymeleaf which make creating html webpages for more painless. This assignment also pushed us to be a lot more time efficient, given the short semester length and the amount of other assignments due. This pushed us to be more productive with our sprints and to try and delegate better. Although as has happened with us in the past this is our weakest point. If I was to do anything differently it would be to spend more time planning rather than diving straight into coding.