**Report 1 – Introduction**

1. Project Information

* Project name: **Just Walk Out Library**
* Abbreviation: **JWL**
* Product Type: **Web Admin & Mobile App**
* Start Date: **January 5, 2017**
* End Date:

1. **Introduction**
2. **Current Situation**
   * For borrowing book in a library, the borrowers usually end up queueing in a long line and hence waste much time before checking out with the librarians.
   * In case a borrower borrows many books, he/she needs to bring it with him/her and wait for turn. It is ever worse when the borrower has to wait for a long time with a pile of heavy books on his/her hand.
3. **Problem Definition**
4. **Proposed Solution**
5. **Functional Requirements**

Customer component:

* Activate for a new account. (? We agreed that accounts can only be activated by the library’s authority?)
* Download application. (?)
* Edit information/password.
* View borrowing/borrowed books.
* Borrow books.
* Get notifications when borrowing books are about to be returned.
* Make wishlist about an unavailable book, so that user can receive notification when the wanted book is back on shelf.
* Search for books (by name, author, category, topic).
* Unactivate account.

Admin component:

* Manage books’ information: insert, update and delete information.
* Manage customers: insert, update, activate, deactivate accounts.
* Tracking which books a customer are borrowing.

1. **Role and Responsibility**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Full Name** | **Role** | **Position** | **Contact** |
| 1 | Kiều Trọng Khánh | Project Manager | Supervisor | [khanhkt@fpt.edu.vn](mailto:khanhkt@fpt.edu.vn) |
| 2 | Võ Hồng Hà | Developer | Leader | [Havhse61394@fpt.edu.vn](mailto:Havhse61394@fpt.edu.vn) |
| 3 | Nguyễn Tuấn Anh | Developer | Member | [Anhntse61476@fpt.edu.vn](mailto:Anhntse61476@fpt.edu.vn) |
| 4 | Đặng Nhật Thiên | Developer | Member | [Thiendnse61357@fpt.edu.vn](mailto:Thiendnse61357@fpt.edu.vn) |

*Table 1: Roles and Responsibilities*