# Requirements Document

By **function** Developer Team

## Goals and Context

Our goal is to create people management system for FUTURE program participants. The features implemented are expected to help Blibli.com and each participant get coordinated better.

## User Personas

The following are the three key user personas that will use **function** app.

### Administrator

|  |  |
| --- | --- |
| User Type | Internal |
| Occupation | Blibli.com Staff (HR,Tech) |
| Objective | To have complete authority over the application, including CRUD operations for all features. |

### Judge

|  |  |
| --- | --- |
| User Type | Internal |
| Occupation | Blibli.com Staff (Tech) |
| Objective | To assess participants, mainly when final judging is in execution. In addition, judge can view activities by mentor and student, but with less authority compared to administrator. |

### Mentor

|  |  |
| --- | --- |
| User Type | Internal |
| Occupation | Blibli.com Staff (HR, Tech) |
| Objective | To monitor mentored students’ activities and to train them to get better at technical or non-technical skills. |

### Student

|  |  |
| --- | --- |
| User Type | Internal |
| Occupation | FUTURE Program Participant |
| Objective | To communicate, exercise, learn, and report anything related to his/her progress to all parties involved. |

### Guest

|  |  |
| --- | --- |
| User Type | External |
| Occupation | Anyone |
| Objective | To see sticky notes, announcements, and activity blogs without having to log in (if he/she has registered account). |

## User Stories

### Admin

* As an Admin, I want to be able to log in, log out, view my profile, and change my password.
* As an Admin, I want to be able to have **CRUD** operation for all users.
* As an Admin, I want to be able to have **CRUD** operation for all batches.
* As an Admin, I want to be able to have **CRUD** operation for all sticky notes.
* As an Admin, I want to be able to have **CRUD** operation for all announcements.
* As an Admin, I want to be able to have **CRUD** operation for all activity blogs.
* As an Admin, I want to be able to have **CRUD** operation for all courses and discussions.
* As an Admin, I want to be able to have **CRUD** operation for all files uploaded.

### Judge

* As a Judge, I want to be able to log in, log out, view my profile, and change my password.
* As a Judge, I want to be able to have **R** operation for all batches
* As a Judge, I want to be able to have **R** operation for all sticky notes.
* As a Judge, I want to be able to have **R** operation for all announcements.
* As a Judge, I want to be able to have **CRUD** operation for my activity blogs.
* As a Judge, I want to be able to have **CRUD** operation for my created courses and **CR** operation for discussions.
* As a Judge, I want to be able to have **CRUD** operation for my files.

### Mentor

* As a Mentor, I want to be able to log in, log out, view my profile, and change my password.
* As a Mentor, I want to be able to have **R** operation for all batches
* As a Mentor, I want to be able to have **R** operation for all sticky notes.
* As a Mentor, I want to be able to have **R** operation for all announcements.
* As a Mentor, I want to be able to have **CRUD** operation for my activity blogs.
* As a Mentor, I want to be able to have **CRUD** operation for my created courses and **CR** operation for discussions.
* As a Mentor, I want to be able to have **CRUD** operation for my files.

### Student

* As a Student, I want to be able to log in, log out, view my profile, and change my password.
* As a Student, I want to be able to have **R** operation for all sticky notes.
* As a Student, I want to be able to have **R** operation for all announcements.
* As a Student, I want to be able to have **CRUD** operation for my activity blogs.
* As a Student, I want to be able to have **R** operation for courses shared with my batch.
* As a Student, I want to be able to have **CR** operation for discussions in courses shared with my batch.
* As a Student, I want to be able to have **CRUD** operation for my files.

Handover Request

## Page Descriptions

// TODO fill by Karnando, David, Priagung, Ricky

|  |  |
| --- | --- |
| Page | Items |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Mockup

// TODO fill by Karnando, David, Priagung, Ricky

// Possibly just give link (?)

## Non-Functional Requirements

1. The application must be available in Github in private repository.
2. The application must pass unit testing 90% coverage for backend, 93% for frontend.
3. In UI, the application is allowed to use libraries for Vue application.

## Future Iterations

Below is a list of all future features that will not be featured in the MVP release, but are important to keep in mind.

|  |  |
| --- | --- |
| **Feature** | **Description** |
|  |  |