

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.

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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.

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- 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.

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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