

User Manual

Mobile Application

>eLab

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1. General Information

General Information section explains in general terms the eLab application overview and the sections of the user manual

1.1. Application Overview

“eLab” - an application-based method of archiving documentations of Telkom University laboratories. Its main purpose is to allow users, which in this case the students at Telkom University to find, recap, or upload documentations of previous and upcoming project or achievement of a lab in Telkom University with ease in the form of Instagram-like posts that can be filtered.

There are two major features which mainly focused on filtration and authorization. eLab provides full functionality to assigned laboratories member to upload, edit, or remove a post from the feed, while limiting default users to filtered searching, personal archive saving, and other basic functions of the application.

1.2. Organization of the Manual

The user manual consists of the following sections:

1. General Information
2. System Summary
3. Using the Application

General Information section explains in general terms the eLab application overview and the sections of the user manual.

System Summary section explains about the hardware and software requirements for accessing eLab application and user access levels.

Using the Application section provides a detailed description of the functionalities of the eLab application

2. System Summary

System Summary section explains about the hardware and software requirements for accessing eLab application and user access levels.

2.1. Hardware and Software Requirements

Requires a smart phone with Android operating system (OS) The minimum Android version should be 4.0.3 and up to avail all the features in the application. To use the functionalities of eLab mobile app, you require an Internet connection in your mobile.

2.2. User Access Level

There are three types of roles in e-CHARAK application.

1. Guest User
2. Normal User
3. Authorized User

1. Guest User

Guest user is one who access and uses the eLab application without registering in the application. Guest user can view all of the archive, search an archive and apply filter to those searches

2. Normal User

Registered user is one who registers himself/herself in the eLab application by filling the registration form. Registered user can do all of the guest user does with the additional ability to save archive.

3. Authorized User

Registered user is one who is authorized by the admin to be able to Create Archive, Modify an Archive and Remove Archive. Authorized user are usually lab members that needs to post an archive to the eLab application

3. Using the Application

The following authentications are available to use:

- Log in to a registered account
- Register a new account

The following features are available for every users:

- View an archive
- Search an archive
- Apply filter to an archive

Normal and Authorized user has the additional feature of:

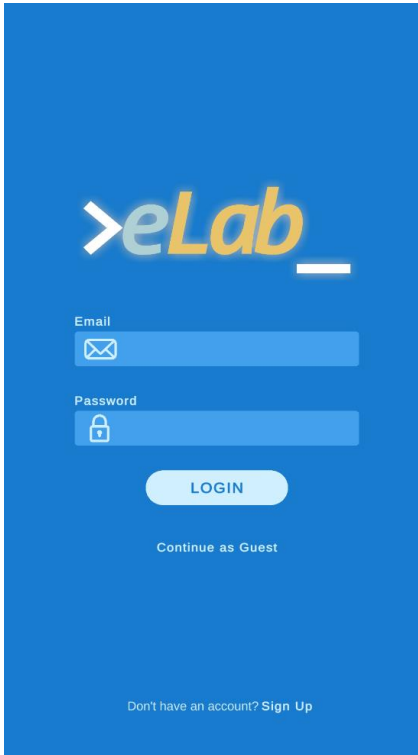
- Save an archive

And Authorized user has the exclusive feature of:

- Create an archive
- Modify an existing archive
- Delete an existing archive

3.1. Login

As soon as the eLab application is launched, you are greeted with a login page. If you already have an account, you can login and use the app as an authorized or normal user.



The login page has a solid blue background. At the top center is the logo for ">eLab_" in white and yellow. Below the logo are two input fields: "Email" with an envelope icon and "Password" with a lock icon. Both fields are light blue. Below the password field is a white "LOGIN" button. Underneath the button is the text "Continue as Guest". At the bottom of the page is the text "Don't have an account? Sign Up".

Figure 1 Login page

3.2. Register

If you haven't made an account, you can create one by clicking the Sign Up button at the bottom of the page, and follow the rest of the page until login page you are sent to the login page again.

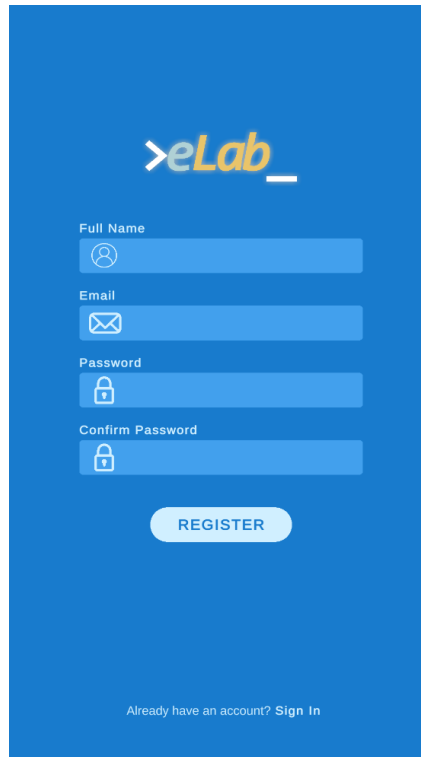
The image shows a registration page for an application named 'eLab'. The page has a solid blue background. At the top center is the 'eLab' logo, which consists of a yellow greater-than sign followed by the word 'eLab' in white and a small white underline. Below the logo are four input fields, each with a label and an icon: 'Full Name' with a person icon, 'Email' with an envelope icon, 'Password' with a lock icon, and 'Confirm Password' with a lock icon. Each input field is a light blue rectangle. Below these fields is a white rounded rectangular button with the word 'REGISTER' in blue capital letters. At the bottom of the page, centered, is the text 'Already have an account? Sign In' in a small, light blue font.

Figure 2 Register page

3.3. Login as guest

If you haven't made an account nor you want to make one, you can use the application as it is without the extra features of a normal user by clicking on the 'Continue as Guest' button below the login button.

3.4. View an archive

As soon as the eLab application is launched, the landing page will be displayed immediately which shows all of the archive available (sorted by newest to oldest) as shown on the image. The user can scroll down to see more archive.



Figure 3 Authorized user main page



Figure 4 Normal user main page



Figure 5 Guest user main page

To view an archive more detailed, the user can click on the archive they wanted to see, the screen then will go to the archive page that shows the description of the archive, its tags and the picture of the documentation (if available) as shown on the image.



Figure 6 Archive expand page

3.5. Search an archive

On the landing page, click on the search bar. Enter a keyword to search up for a title of an archive and press the search button as shown on the image. The application then will show all of the archive that is related to the search keyword

3.6. Apply a filter to an archive search

Whilst using the search bar, a filter will appear in order to narrow down your search. This filter narrows down based on whether the archive is classified as an event, a project or an achievement, you can also filter to only look for archives you've saved. However you can only use one filter at a time.

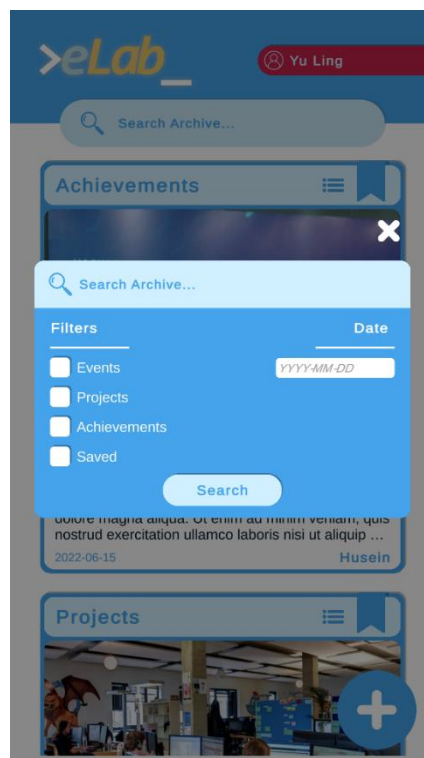


Figure 7 Search panel for both Normal and Authorized user

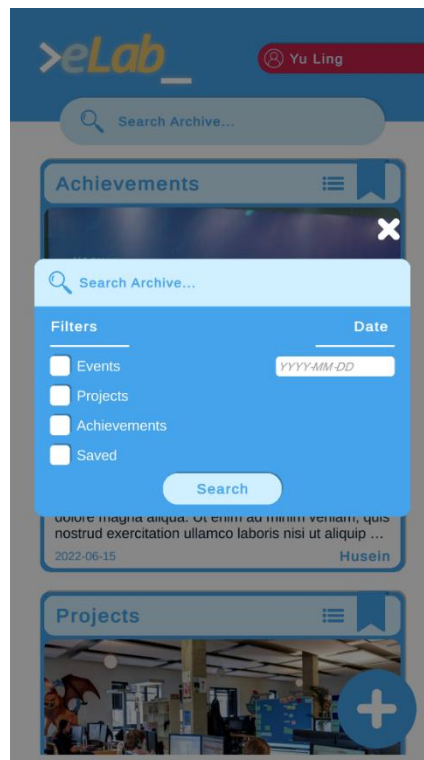


Figure 8 Search panel for Guest user

3.7. Save an archive

When you view an archive, you can press on the expand button to show the save icon. When an archive is saved, it is marked so that you can access it much easier later on with a special filter.



Figure 9 Bookmark feature for Normal and Authorized user

3.8. Create an archive

On the landing page, there's a "+" icon that lets you create a brand new archive. To create an archive, press the "+" Icon and you will be prompted to give said archive a title, description, attachments and other details. When it is finished, said archive will be uploaded to the server for everyone to view.

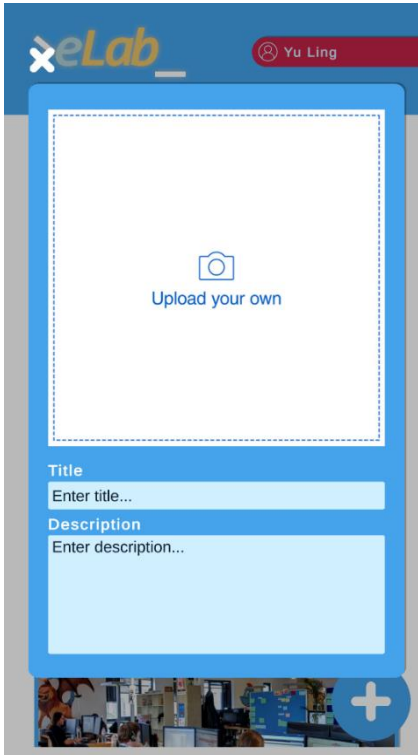


Figure 10 Create panel for Authorized user

3.9. Modify an archive

When you view an archive, you can press on the expand button to show the edit icon. When an archive is edited, you can modify its title, description, attachments and other details to correct mistakes made. Only the publisher of said archive is allowed to make changes to it.



Figure 11 Edit page for Authorized user

3.10. Delete an archive

When you edit an archive, you can press delete button to delete the opened archive. When an archive is deleted, it will be removed permanently and will not be able to be accessed by anyone.