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Thesis repository System Manual

Integrative Programming and Technologies 2

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Thesis Repository System Manual

The Thesis Repository System is a platform that allows students to upload their thesis for review, enables reviewers to approve or reject thesis submissions, and provides admins with full system control and login security. The system includes account creation, role selection, thesis management, and advanced login authentication via QR code and fingerprint.

User Roles

- Student
- Reviewer
- Admin

Each role has a different set of features and responsibilities.

Account Creation

Steps:

Go to the registration page.

Enter your valid email address. Fake or incorrect emails are not allowed.

Choose your role:

Select the Student radio button if you are a student.

Select the Reviewer radio button if you are a reviewer.

Click Submit to register.

✅ If you are a Reviewer, your account will be placed in pending status until an Admin approves your registration.

Login System

Roles that can log in:

- Student
- Reviewer
- Admin

Student/Reviewer Login:

Enter your email and password.

If you enter incorrect credentials multiple times, your account will be locked for 10 minutes for security reasons.

Admin Login:

Use the same login form as students and reviewers.

After submitting credentials:

A QR code will be sent to your registered email.

Open the SecurityLog Flutter app on your device. (DOWNLOAD THE APK FIRST)

Use your fingerprint to authenticate access.

Scan the QR code within 5 minutes.

Once scanned and approved, you will be redirected to the admin dashboard.

Forgot Password System (Student & Reviewer)

Steps:

Click "Forgot Password" on the login page.

Enter your registered email address.

A QR code will be sent to your email.

Scan the QR code using your device.

You will be redirected to the reset password page.

Set your new password.

Student Dashboard

Features:

View Public Repository:

Displays all approved theses submitted by students.

Upload Thesis:

Upload your thesis document.

After uploading, it will be sent to the Pending Page.

Pending Page:

Shows your thesis waiting for reviewer action.

Aprove Page

you can public or private you approve thesis

Rejected Page:

Displays theses that have been rejected by a reviewer.

Reviewer Dashboard

Features:
Pending Thesis List:

Review theses submitted by students.

Thesis Actions:

Approve: Thesis will move to Public Repository.

Reject: Thesis will be sent to Student's Rejected Page.

Request Revisions:

Highlight any portion of the text.

Add comments using the highlight-drag-text method.

Comments are embedded directly on the PDF file.

A Reviewer account must be activated by the Admin before accessing these features.

Admin Panel

Edit Setup (Add Admin to Database):
Open Database.php.

Insert an admin account with a valid email address into the database.

Save and run the PHP file to insert the record.

Admin Login:

Use the same login form as students/reviewers.

After logging in:

A QR code is sent via email.

Open the SecurityLog Flutter app.

Use fingerprint authentication to access the app.

Scan the QR code within 5 minutes.

The app will show login attempts.

Approve the login request to access the admin dashboard.

Admin Features:
Approve/Reject Reviewer Accounts

Manage Student & Reviewer Accounts

View Security Logs and Login Attempts

SecurityLog Flutter App (For Admin) Requirements:

Must be installed on the admin's mobile device.

Used to:

Authenticate admin login via QR code and fingerprint.

Approve login requests.

View login history and attempts.