



**THE STATE UNIVERSITY OF ZANZIBAR
DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION
TECHNOLOGY**

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Github link:<https://github.com/Ashrey1234/AshuraaProject.git>

1. Project Title: Loan Cycle System for Women Group Lending

2. Introduction

The Loan Cycle System is a web-based platform developed to simplify loan issuance to women organized in groups in Zanzibar. Many women face challenges accessing traditional financial services. This system enables administrators to manage groups and members while allowing women to apply for loans digitally.

3. Objectives

- Develop a platform for group-based loan issuance.
- Provide secure login for admins and members.
- Enable members to apply for loans online.
- Allow administrators to manage users and groups efficiently.
- Promote financial inclusion for women.

4. Technologies Used

Component	Technology
Frontend	React.js (Vite)
Backend	Spring Boot (Java)
Database	PostgreSQL
Tools	Postman, GitHub

5. Key Features

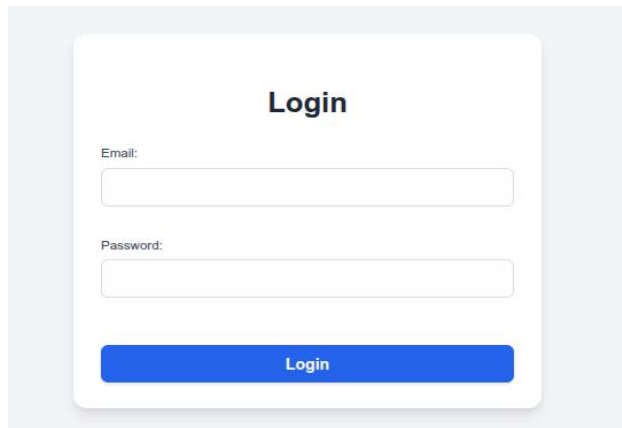
- Secure login for Admins and Members.
- Group creation and management by Admin.
- Loan application by Members with amount, reason, and duration fields.
- Admin dashboard to view all users and loan applications.

6. System Flow

- Admin logs in and creates groups.
- Admin registers members into groups.
- Members submit loan applications.
- Admin views loan applications in the dashboard.

7. System

Login Page



A login form titled "Login" with a white background and rounded corners, centered on a light gray background. It contains two input fields: "Email:" and "Password:". Below the fields is a blue button labeled "Login".

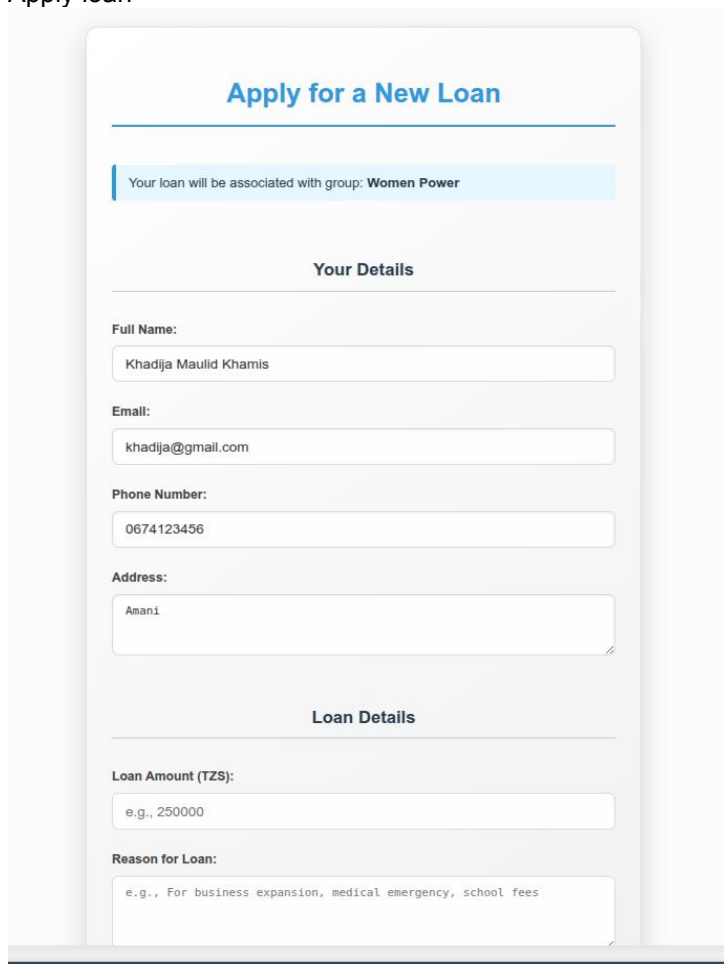
Login

Email:

Password:

Login

Apply loan



An "Apply for a New Loan" form with a white background and rounded corners, centered on a light gray background. The form is divided into sections: "Your Details" and "Loan Details". A light blue banner at the top states "Your loan will be associated with group: Women Power".

Apply for a New Loan

Your loan will be associated with group: **Women Power**

Your Details

Full Name:

Khadija Maulid Khamis

Email:

khadija@gmail.com

Phone Number:

0674123456

Address:

Amani

Loan Details

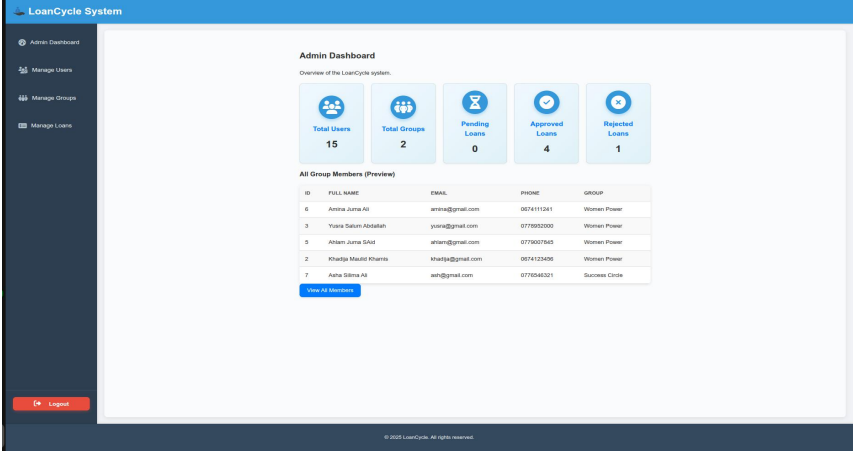
Loan Amount (TZS):

e.g., 250000

Reason for Loan:

e.g., For business expansion, medical emergency, school fees

Admin Dashboard



Group Management Page

Manage Groups

Create New Group

ID	GROUP NAME	DESCRIPTION	CREATED AT	ACTIONS
3	Success Circle	This group consists of women who have completed entrepreneurship training and now need funding to start or expand their businesses. The focus is on long-term success.	6/30/2025	<div>Edit</div> <div>Delete</div>
2	Women Power	A group of women engaged in small businesses such as food vending, fabric sales, and household goods. The goal is to offer small loans to help them grow their capital.	6/30/2025	<div>Edit</div> <div>Delete</div>