

A WEB BASED CROWDFUNDING PLATTFORM RESEAL. PROPOSAL.

BY

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PROJECT OVERVIEW

Crowdfunding is one important aspect for people with project ideas or any cause that they need funded. The crowd funding platform intends to help people easily source finances for their projects or different causes. This will entail the users signing up as funders or fund seekers.

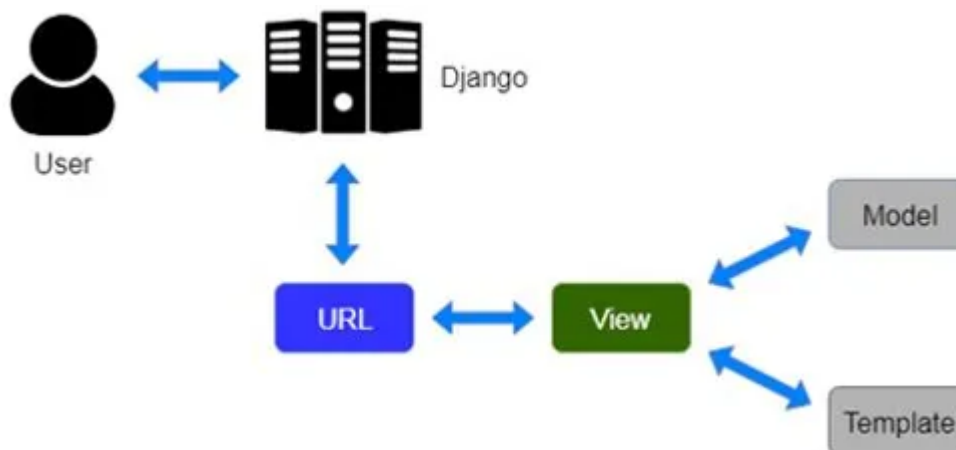
The platform will have a login page for existing users and a signup page for new users. The users will then be listed with a list of projects or causes to fund. Any user can create a project or causes for funding which will be funded via mobile money and the funds collected can be cashed out to mobile money as well.

There will be an admin interface to oversee the project.

TECHNOLOGIES USED

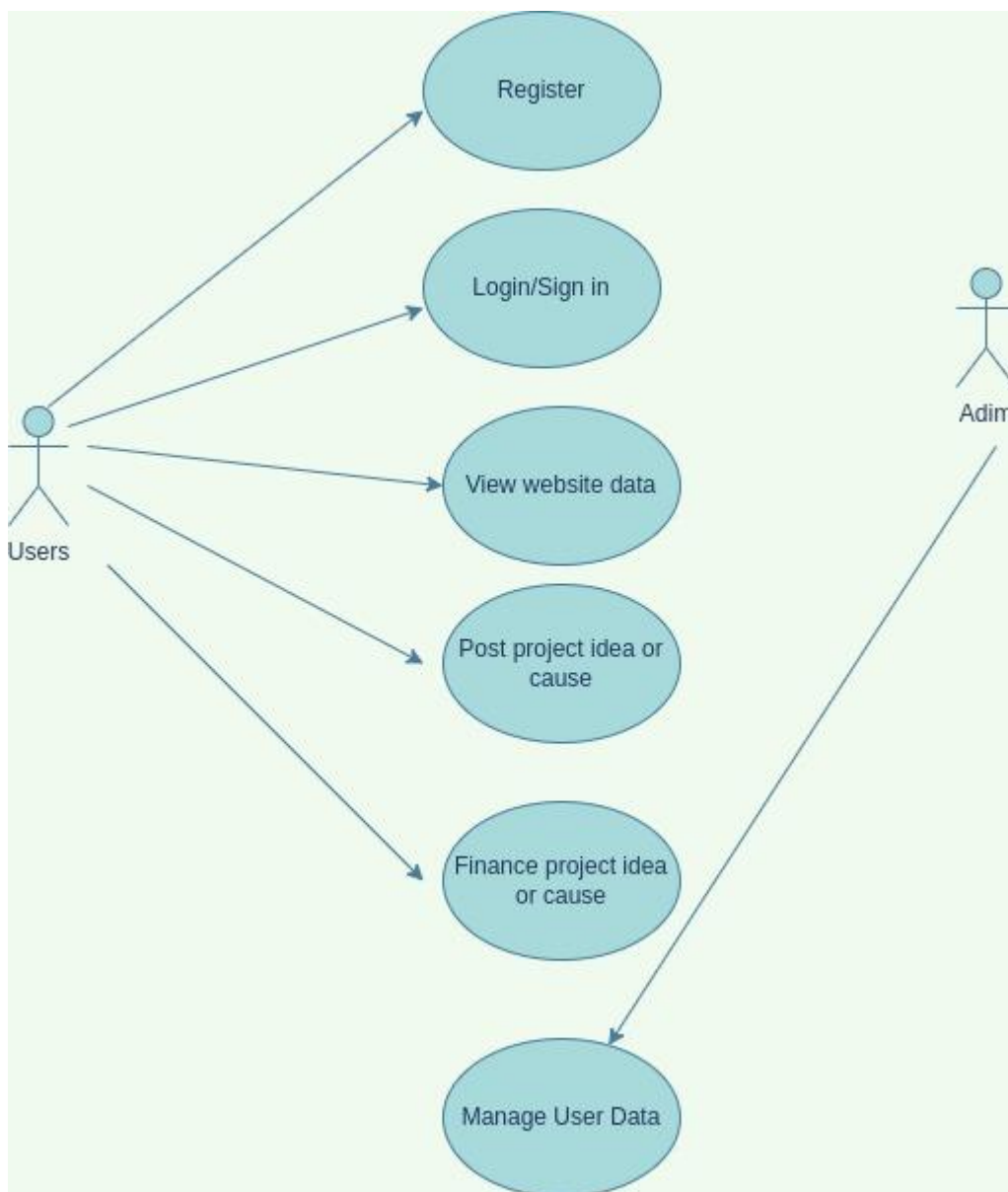
This web application will be built using django, a python based framework. Django will basically handle the backend and jquery will be used on the front end. The database to be used is SQLite3.

Django is a M-V-T(Model View Template) framework used for developing web applications. The Model represents an object with fields(attributes) that is persisted to the database using migrations. The View is where the logic lies. It can be used to render templates, process POST form data before saving it to the database, retrieve model instances from the database and many other things. The Template has the static parts of the HTML.



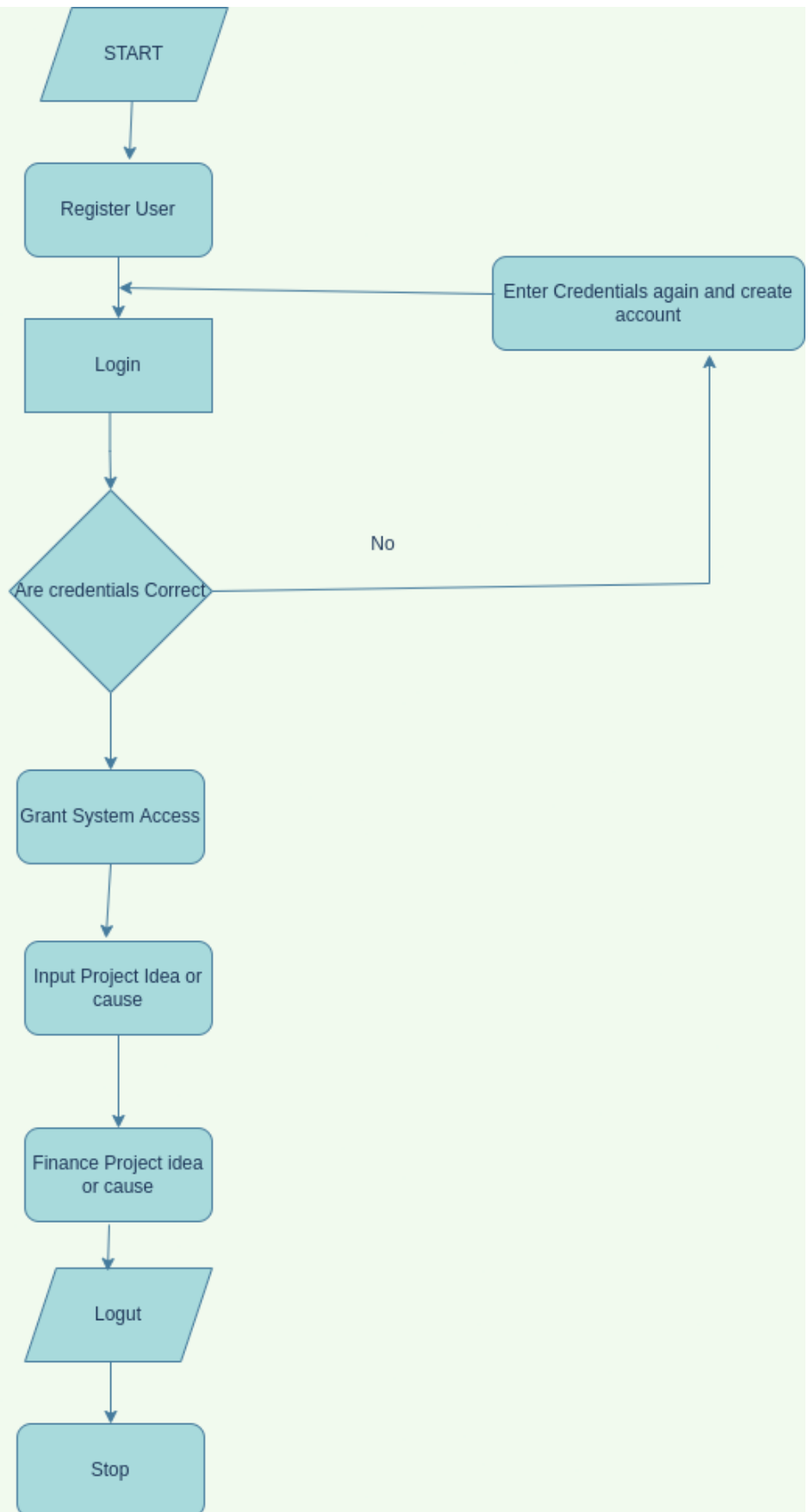
The application will be built using visual studio which is an IDE. A Virtual environment package will be downloaded and django will be installed in an instance of the respective virtual environment. This is done so to ease development and deployment by ensuring all packages are installed in one container. Local development will be done when the virtual environment is active and the development server will be run with this command “python manage.py runserver”

USERCASE DIAGRAM



USER ACTIVITY DIAGRAM

Activity Diagram



CONCLUSION

People always find it hard to solicit funds for project ideas and causes. The proposed application aims to ease the process.