

EXPERIMENT 3

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BATCH - C (TE-IT)

AIM:

To create a website using web CMS (Node Js/ Angular /React Js/Flask/ Django/ Wordpress/Joomla etc)

REQUIREMENTS:

Django, Bootstrap

PROBLEM STATEMENT:

‘Startup India’ is a startup portal to connect early-stage startups to potential investors. A startup can register, login and submit ideas. If it gets approved in the first stage, it should be able to apply for funds and other resources, track its status, track funds and receive emails about any updates. Finally the startups have to pay nominal CDC fees to the organization for providing them with the requested grants.

THEORY:

1)Content Management System:

A content management system (CMS) is an application that is used to manage web content, allowing multiple contributors to create, edit and publish. Content in a CMS is typically stored in a database and displayed in a presentation layer based on a set of templates. The following are the basic features of a CMS:

- Content creation (allows users to easily create and format content)
- Content storage (stores content in one place, in a consistent fashion)
- Workflow management (assigns privileges and responsibilities based on roles such as authors, editors and admins)
- Publishing (organizes and pushes content live)

One major advantage of a CMS is its collaborative nature. Multiple users can log on and contribute, schedule or edit content to be published. Because the interface is usually browser based, a CMS can be accessed from anywhere by any number of users. The second major advantage of a CMS is that it allows non-technical people who don't know programming languages to easily create and manage their own web content. The WYSIWYG editors of a typical content management platform allows users to enter text and upload images without needing to know any HTML or CSS. When a company uses a CMS to publish its pages, it reduces its reliance on front-end engineers to make changes to the website, making it quicker and easier to publish new content.

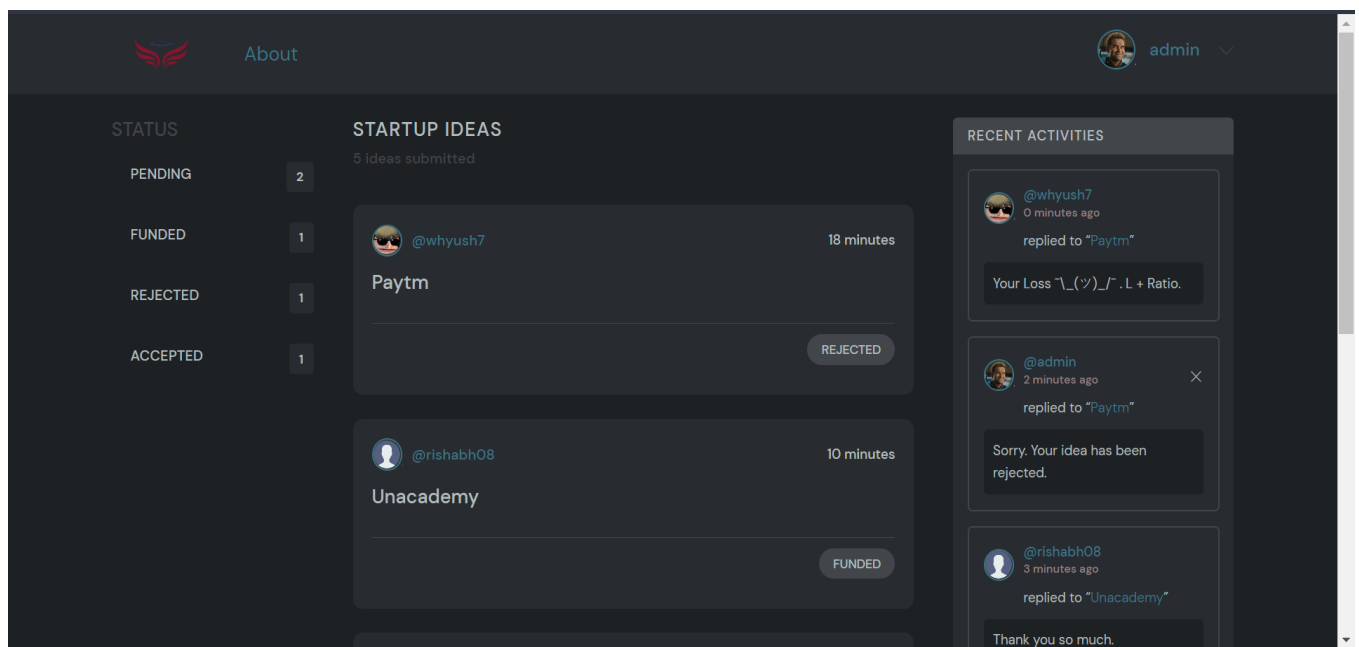
2) Django:

Django is a free and open-source, Python-based web framework that follows the model–template–views (MTV) architectural pattern. It is maintained by the Django Software Foundation (DSF), an independent organization established in the US as a 501(c)(3) non-profit. Django's primary goal is to ease the creation of complex, database-driven websites. The framework emphasizes reusability and "pluggability" of components, less code, low coupling, rapid development, and the principle of don't repeat yourself. Python is used throughout, even for settings, files, and data models. Django also provides an optional administrative create, read, update and delete interface that is generated dynamically through introspection and configured via admin models.

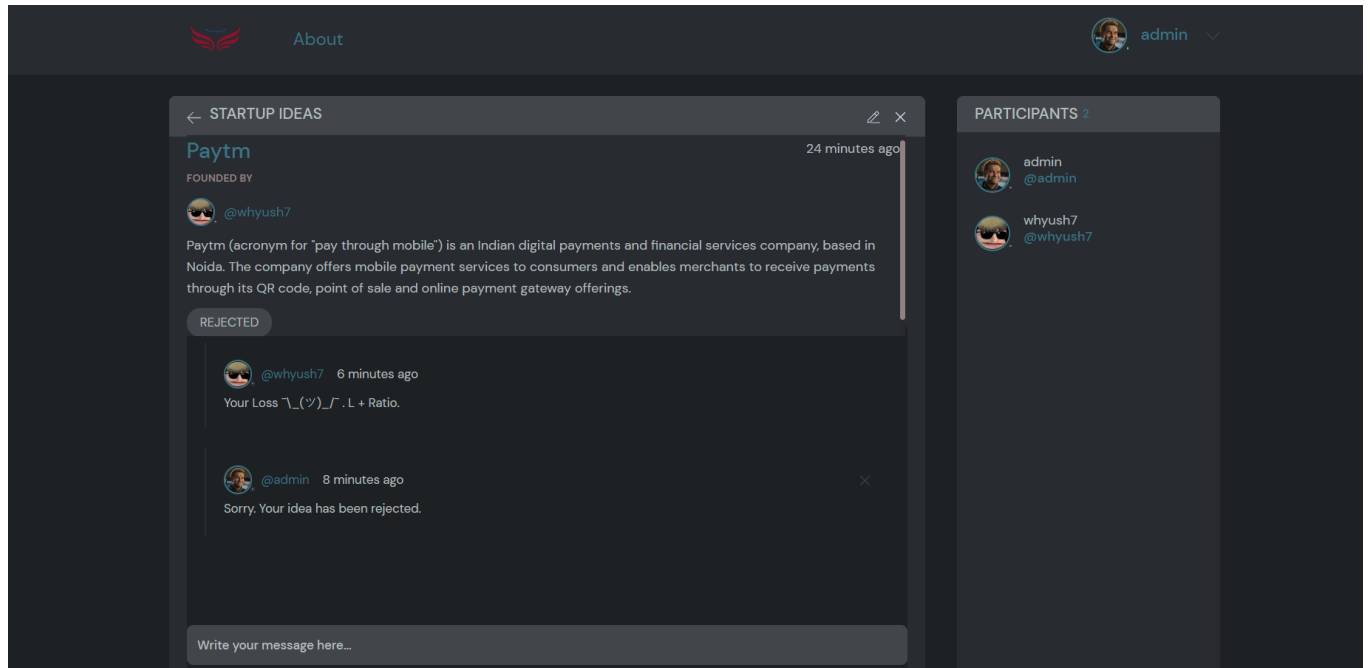
IMPLEMENTATION:

1.Home Page: The home page is the page that is opened when the user first opens the website.

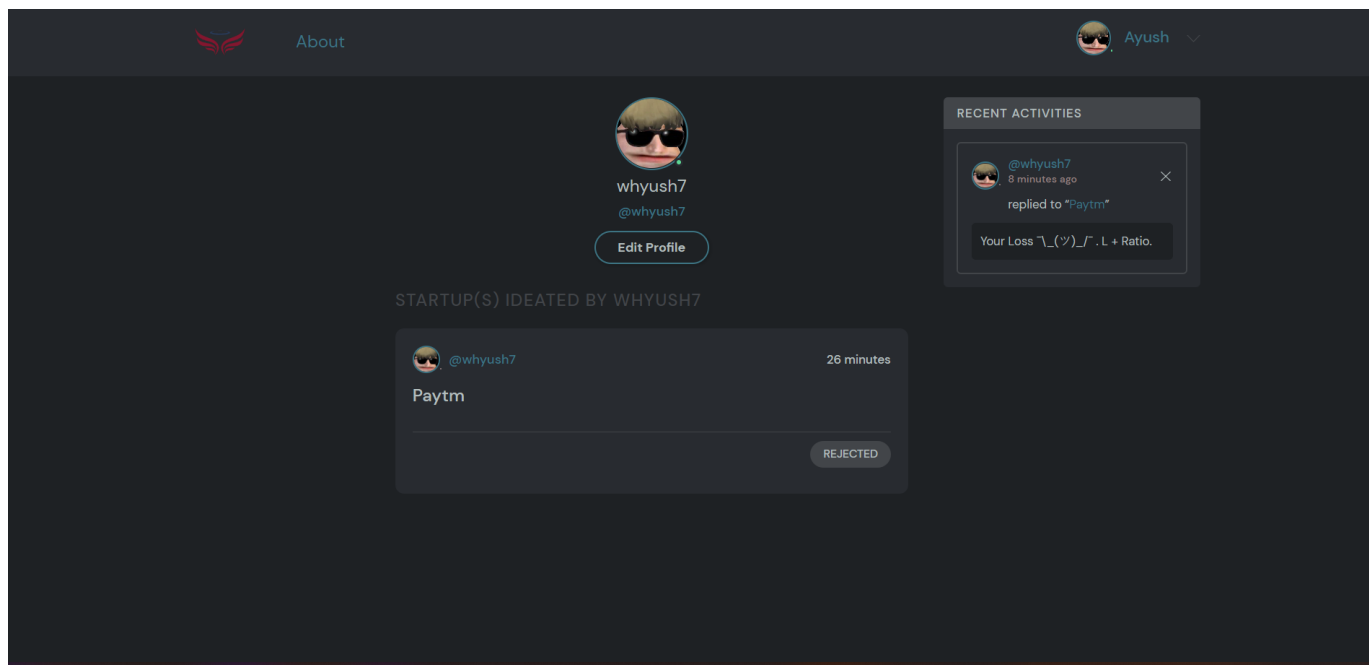
1.1 Home Page - 1 (Admin)



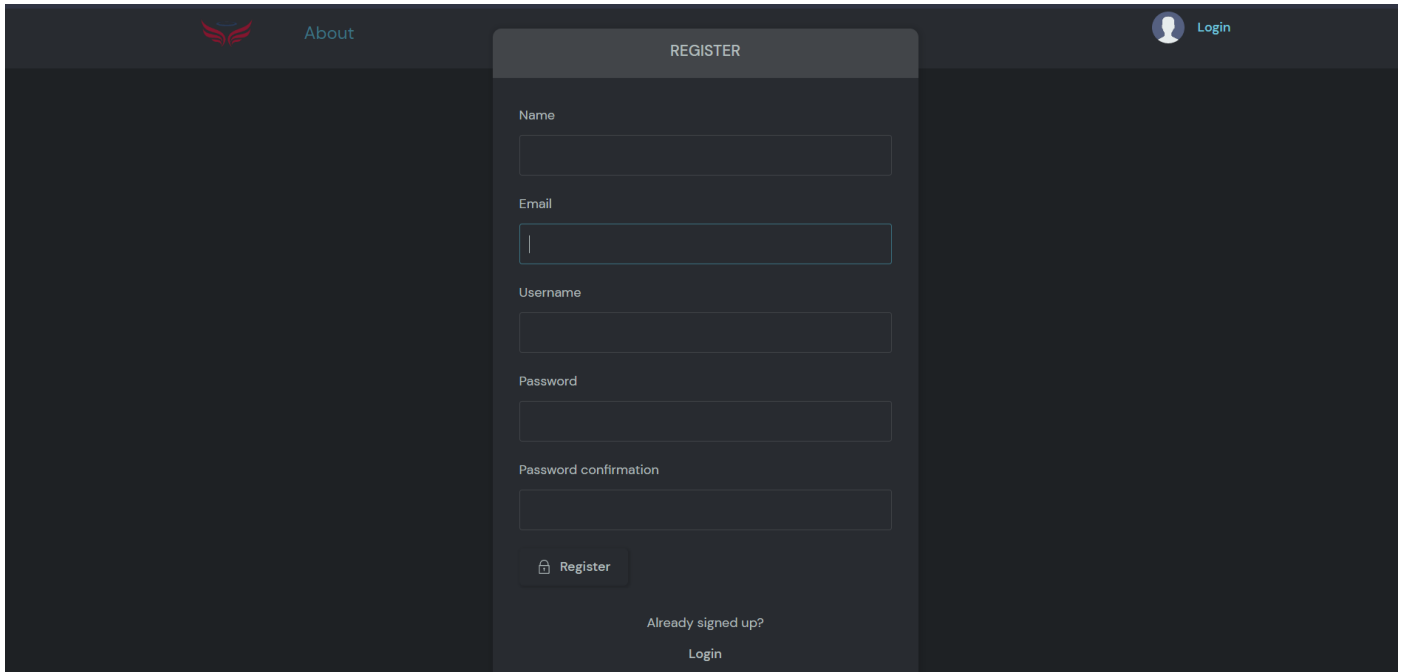
1.2 Startup Page



1.3 User Profile



1.4 Register User



The Register User form is a dark-themed modal window with a title bar labeled "REGISTER". It features five input fields: "Name", "Email", "Username", "Password", and "Password confirmation". Below the fields is a "Register" button with a lock icon. At the bottom, there is a link "Already signed up? Login". The background shows a dark sidebar with a red wing logo and an "About" link, and a top navigation bar with a "Login" button and a user icon.

REGISTER


Name

Email

Username

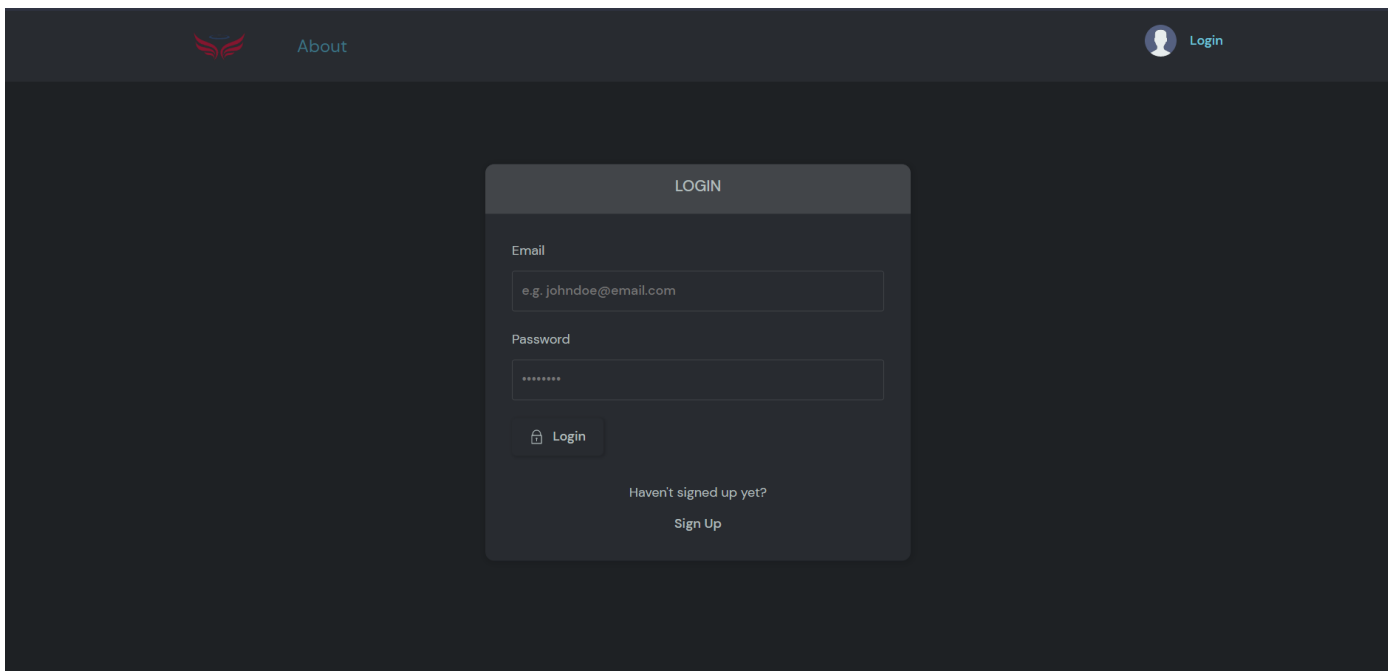
Password

Password confirmation

 Register

Already signed up?
[Login](#)

1.5 Login




The Login form is a dark-themed modal window with a title bar labeled "LOGIN". It features two input fields: "Email" (with a placeholder "e.g. johndoe@email.com") and "Password" (with masked characters "*****"). Below the fields is a "Login" button with a lock icon. At the bottom, there is a link "Haven't signed up yet? Sign Up". The background shows a dark sidebar with a red wing logo and an "About" link, and a top navigation bar with a "Login" button and a user icon.

LOGIN

Email

e.g. johndoe@email.com

Password

 Login

Haven't signed up yet?
[Sign Up](#)

1.6 Edit Profile

The screenshot shows a web browser window with the URL `127.0.0.1:8000/update-user/`. The page has a dark theme. At the top, there is a navigation bar with a logo on the left, an 'About' link, and a user profile dropdown on the right showing 'Ayush'. The main content area is titled 'EDIT YOUR PROFILE' with a back arrow. It contains several form fields: 'Avatar' (with a 'Choose File' button and 'No file chosen' text), 'Name' (filled with 'Ayush'), 'Email' (filled with 'whyush7@gmail.com'), 'Username' (filled with 'whyush7'), and 'Bio' (filled with 'SIUUUUUUU'). At the bottom right of the form are 'Cancel' and 'Update' buttons.

1.7 Create Startup Profile (for Accepted Startups)

The screenshot shows a web application interface with a dark theme. At the top, there is a navigation bar with a logo, an 'About' link, and a user profile dropdown showing 'Yash'. The main content area is divided into two sections: 'STARTUP IDEAS' and 'PARTICIPANTS'. The 'STARTUP IDEAS' section shows a post for 'Swiggy' by '@yash28' with a bio and a description. Below the post are buttons for 'ACCEPTED' and 'CREATE STARTUP PROFILE'. The 'PARTICIPANTS' section shows a list of users: 'admin' and 'yash28'. A chat window is open at the bottom, showing a message from '@yash28' saying 'Thank you.' and a response from '@admin' saying 'Your idea is accepted . Kindly contact the admin team for further procedure.' There is a text input field at the bottom of the chat window labeled 'Write your message here...'.

127.0.0.1:8000/create_startup_profile/

About Yash

CREATE STARTUP PROFILE

Startup description

Team description

Founder

Co-founders

Number of team members 1

Type of incorporation

Name of the legal entity

1.8 Nominal Fee Payment page (for funded startups)

About Rishabh

STARTUP IDEAS

Unacademy 42 minutes ago

FOUNDED BY

@rishabh08

Unacademy is an Indian online educational platform with its headquarters in Bangalore, Karnataka. It prepares students for various competitive exams, as well as provides content on foundational and skill building courses.

FUNDED PAY SETUP SCHEDULE MEETING

@rishabh08 34 minutes ago

Thank you so much.

@admin 35 minutes ago

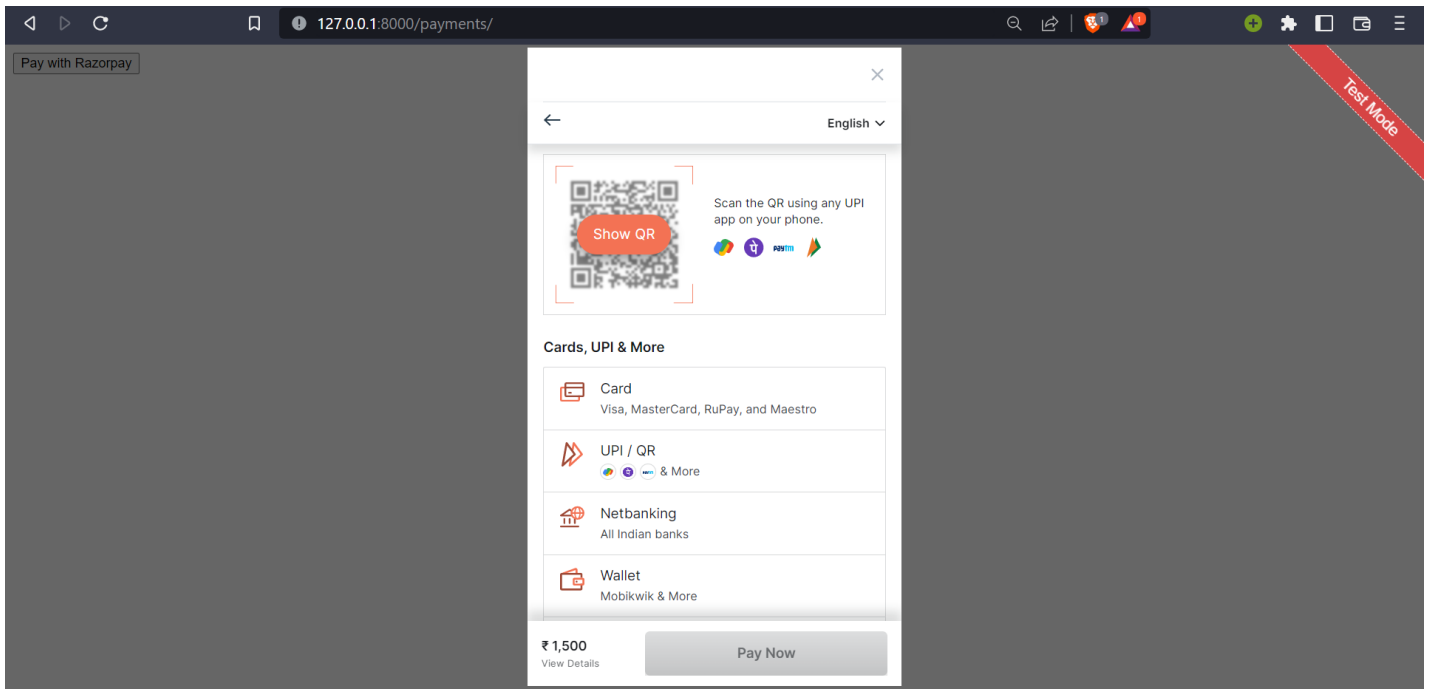
You have been funded by 3one4 capital. Congratulations.

Write your message here...

PARTICIPANTS 2

admin @admin

rishabh08 @rishabh08



1.9 Additional Services Page (for funded startups)

127.0.0.1:8000/adS/

ADDITIONAL SERVICES

1. Select the facilities you require :

☐ Conference Hall

☐ Google / Amazon Credits

☐ Mentor Guidance

2. Mention the technical support that you require:

3. Description

4. Date of Requirement :

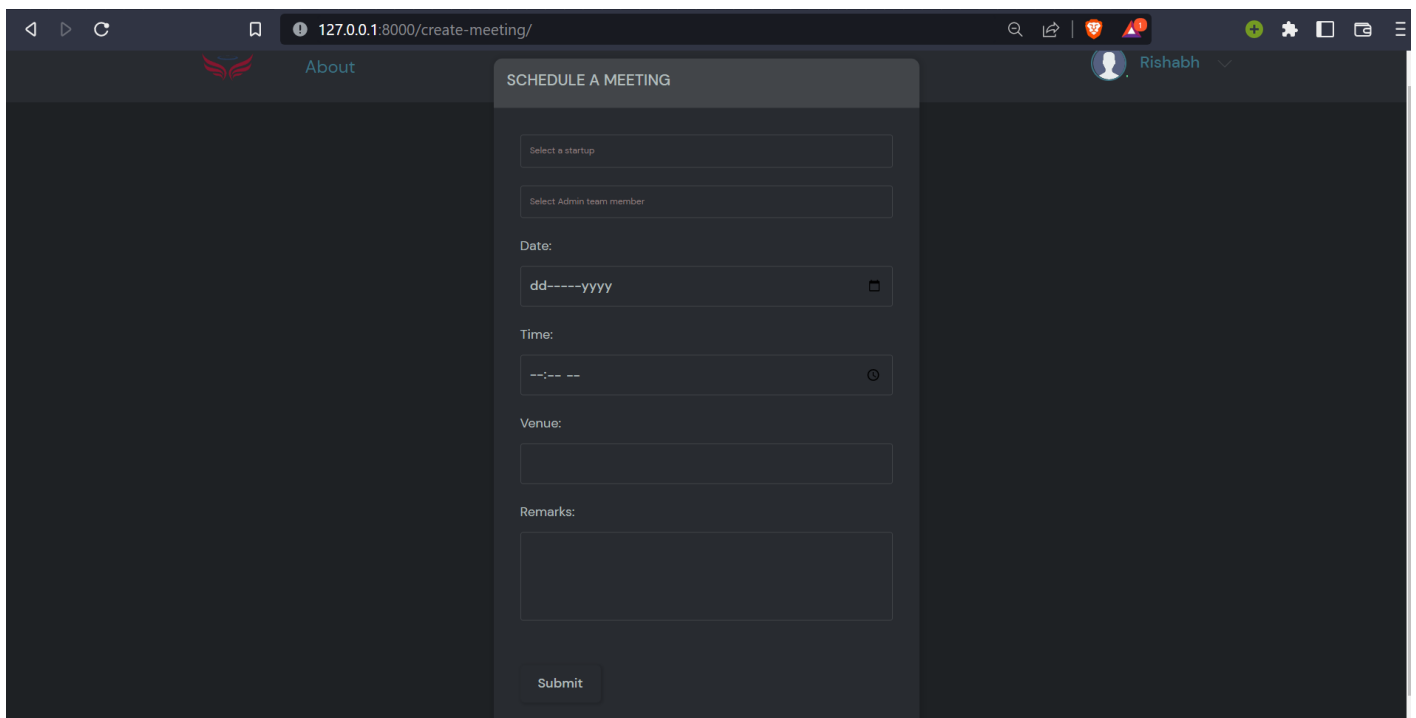
dd-----yyyy

5. Time of Requirement :

--:-- --

Submit

1.10 Schedule Meeting (for funded startups)

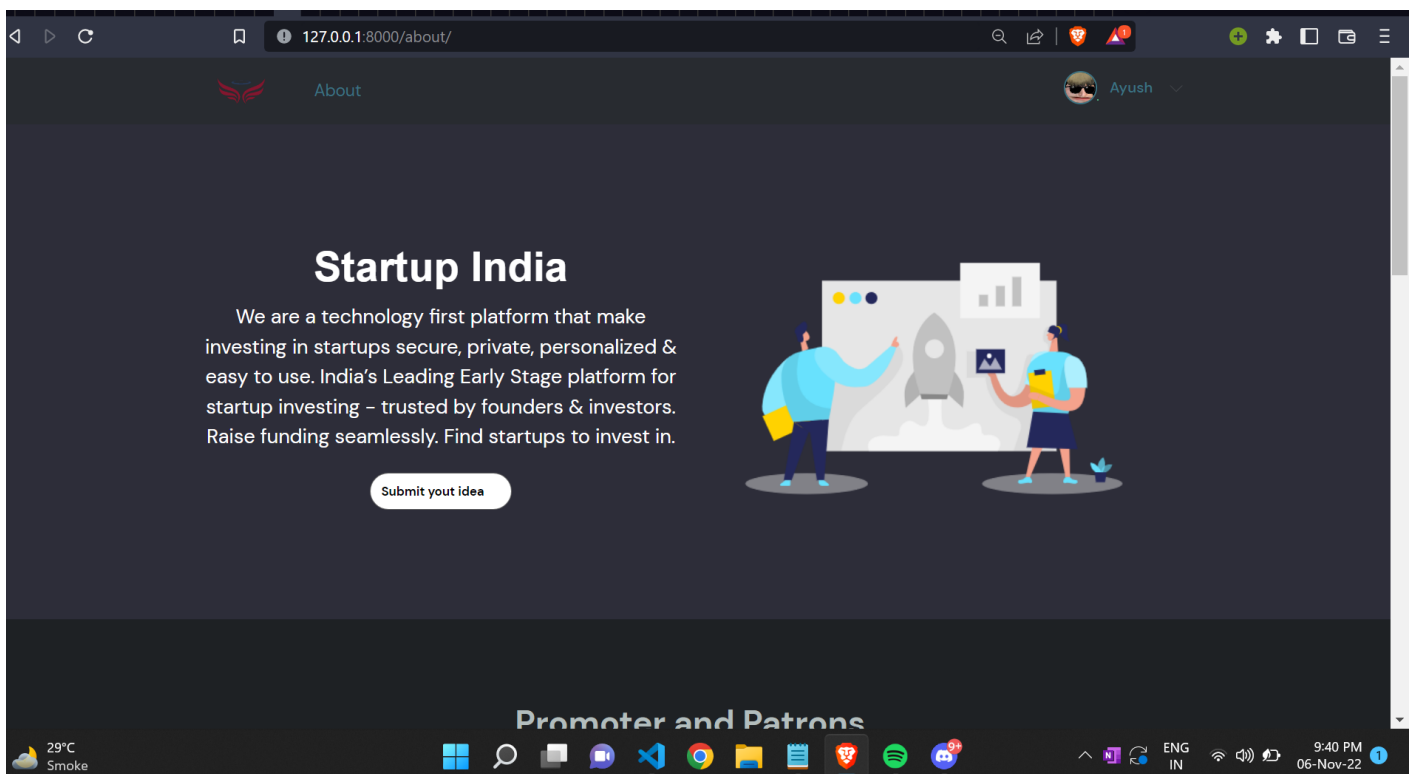


The screenshot shows a web browser window with the URL `127.0.0.1:8000/create-meeting/`. The page has a dark theme. At the top left is a logo and the word "About". At the top right is a user profile for "Rishabh". The main content is a form titled "SCHEDULE A MEETING". The form contains the following fields:

-
-
- Date:
- Time:
- Venue:
- Remarks:
-

2. About Us: This page contains generic information about Startup India.

2.1 About Us Page - 1

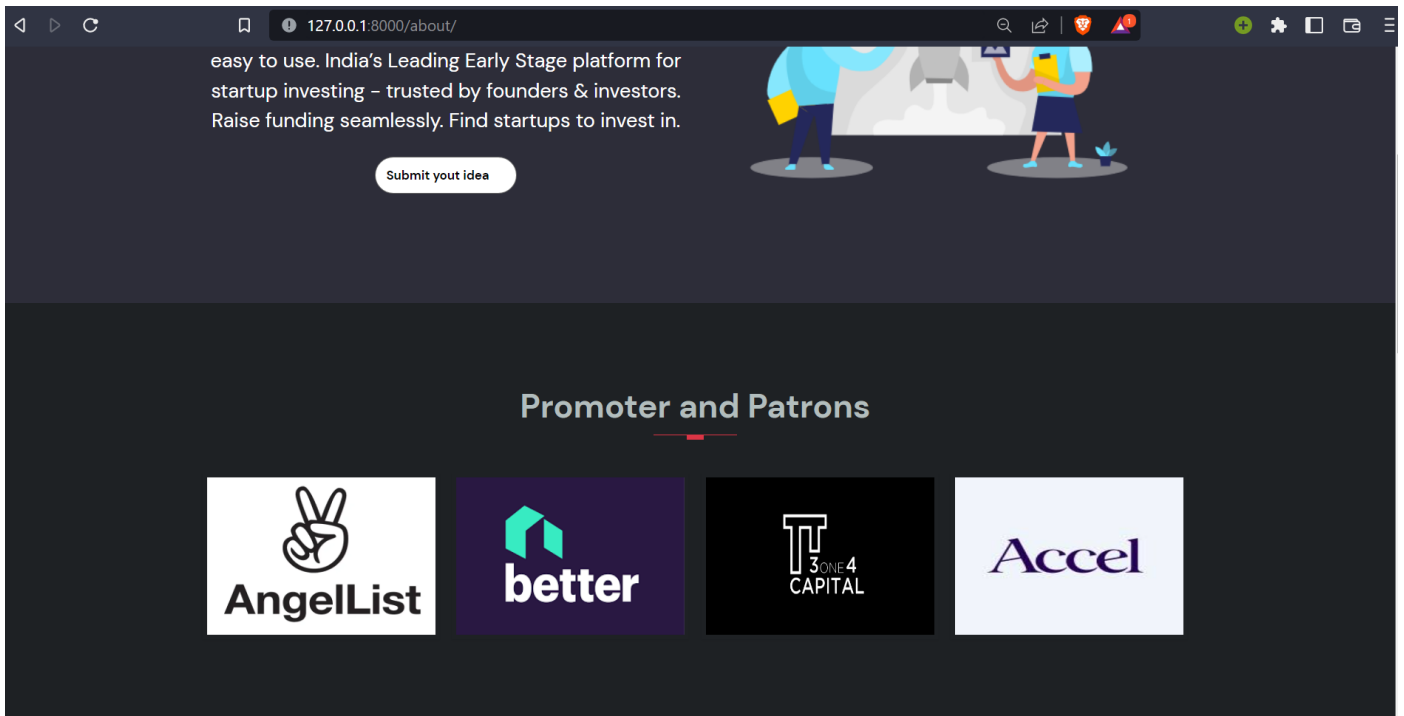


The screenshot shows a web browser window with the URL `127.0.0.1:8000/about/`. The page has a dark theme. At the top left is a logo and the word "About". At the top right is a user profile for "Ayush". The main content is a large section titled "Startup India". Below the title is a paragraph of text:

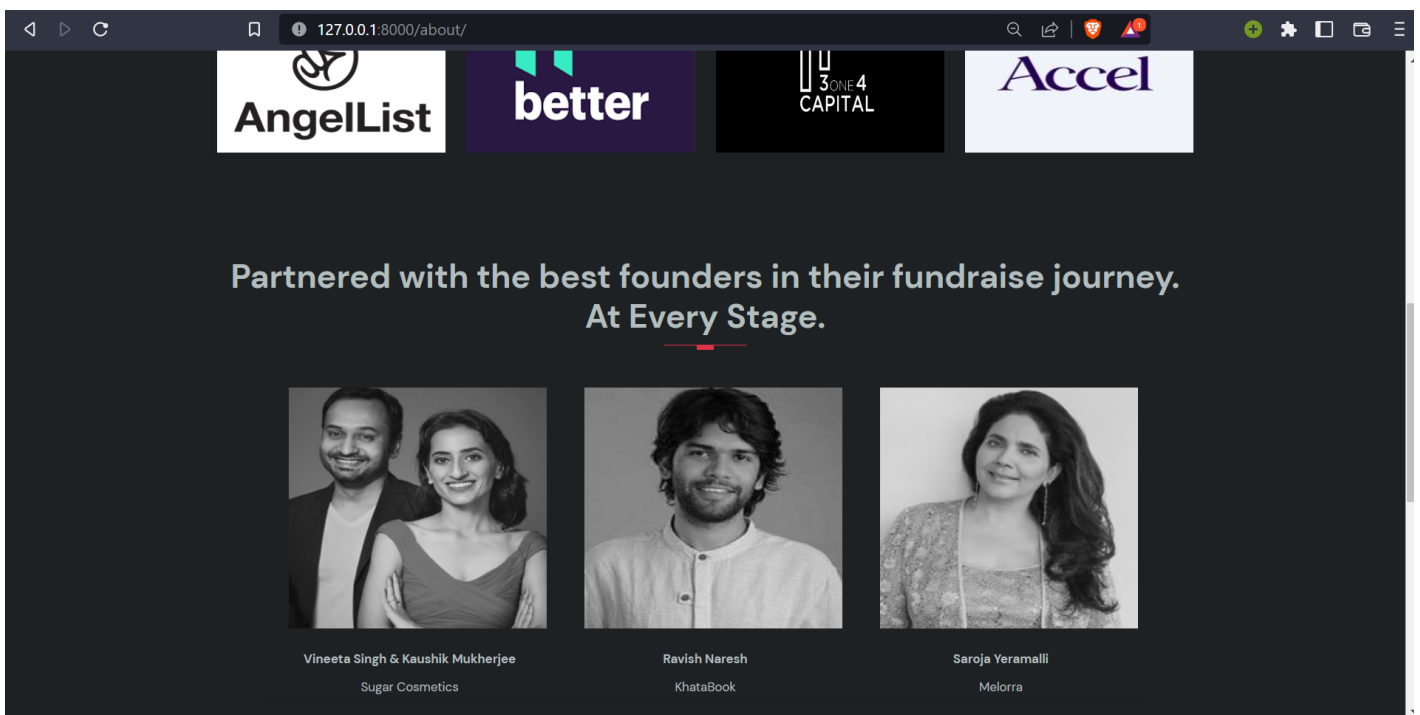
We are a technology first platform that make investing in startups secure, private, personalized & easy to use. India's Leading Early Stage platform for startup investing – trusted by founders & investors. Raise funding seamlessly. Find startups to invest in.

Below the text is a button labeled "Submit your idea". To the right of the text is an illustration of two people standing next to a large screen displaying a rocket launch and a bar chart. At the bottom of the page is a section titled "Promoter and Patrons".

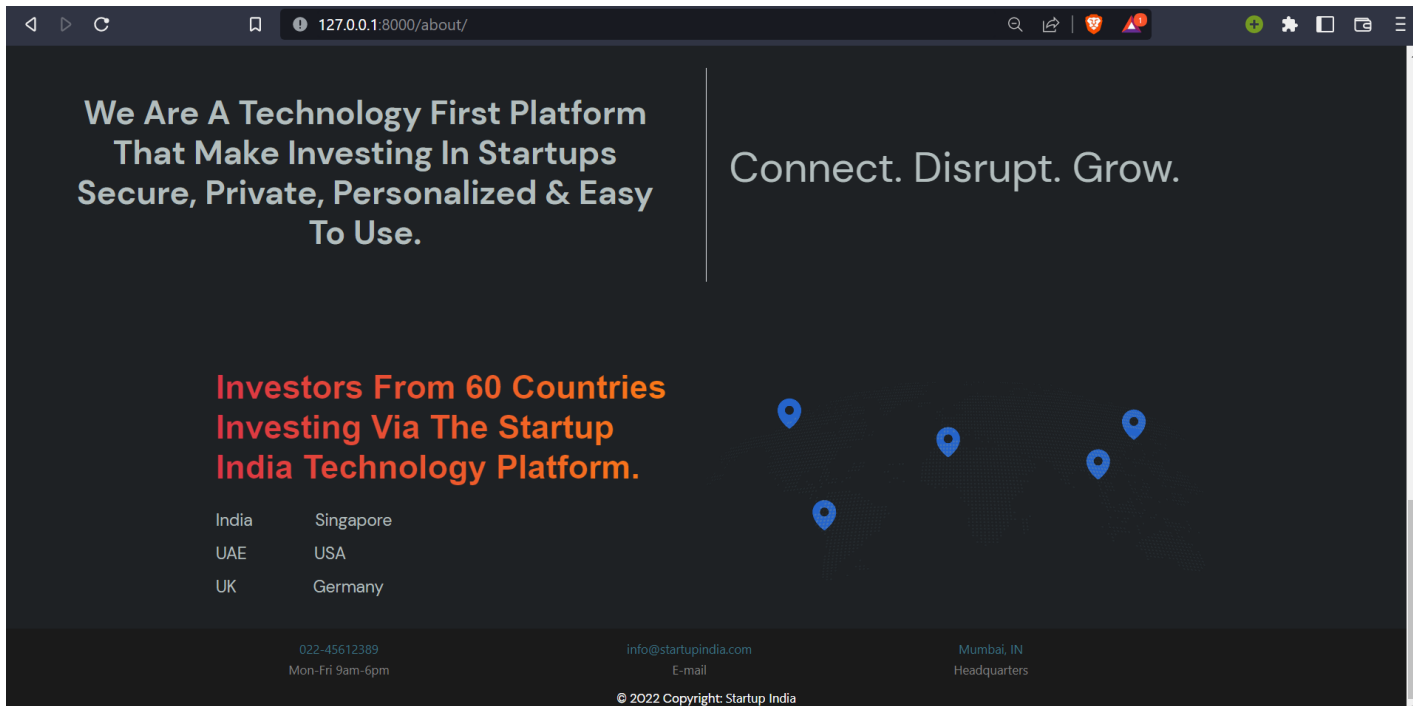
2.2 About Us Page - 2



2.3 About Us Page - 3



2.4 About Us Page - 4



CONCLUSION:

From the above experiment, I have gained information about CMS. I learned how django works and had hands -on experience by creating the website for the given problem statement.

REFERENCES:

1. <https://www.sitecore.com/knowledge-center/digital-marketing-resources/what-is-a-cms>
2. <https://docs.djangoproject.com/en/4.1/>
3. <https://getbootstrap.com/docs/5.2/getting-started/introduction/>
4. <https://www.letsventure.com/>