CampusThreads

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Introduction

CampusThreads is a dynamic networking platform designed to bridge the gap between students and professors across various universities. It fosters a collaborative environment where individuals can engage, share knowledge, and work together on academic and research projects. By connecting diverse academic communities, CampusThreads enhances learning experiences and promotes interdisciplinary collaborations. This platform not only facilitates academic interactions but also helps in building professional relationships that can lead to innovative ideas and solutions in various fields. Through CampusThreads, the academic world becomes more interconnected, offering a wealth of opportunities for growth and development.

Tools and softwares

- HTML
- CSS
- Javascript
- React js
- Bootstrap
- Node js
- Express js
- MongoDB
- Git & GitHub

User Stories

1. Registration and Authentication:

User Story #1

- *As a user I want to create a new account so that I can access the Web Portal.*
- Acceptance Criteria:
    - If the Required Information is not filled then the user can not proceed further.
    - If the Required Information is filled then the verification code will be sent to Email.
    - If the verification code is correct then display Message : "Account Created" and the user will be logged-in.
    - If Verification Code provided by the user is not correct then display message : "Wrong Code"

User Story #2

- *As a registered user I want to log-in so that I can connect with different users across different universities.*
- Acceptance Criteria:
    - Person logging-in should be a valid registered user.
    - Person logging-in should be directly logged-in next time if the remember me button is ticked.
    - Person logging-in should be made to force log-in next time if the remember me button is not ticked.
    - If Login details provided by the user are not correct then display message : "Wrong Credentials".

User Story #3

- *As a user, I want to have a "Remember Me" option during login, so that I can stay logged in on my device without having to re-enter my credentials each time.*
- Acceptance Criteria:
    - A "Remember Me" checkbox is available on the login page.
    - If the user selects the "Remember Me" option, they remain logged in even after closing and reopening the browser.
    - If the user does not select the "Remember Me" option, they are logged out when the browser is closed.

User Story #4

- *As a new user, I want to create an account using my social media account (e.g., Google, Facebook), so that I can quickly register without needing to remember a new password.*
- Acceptance Criteria:
    - User can select a social media option to register.
    - User is redirected to the social media authentication page.
    - After granting permission, the user is redirected back to CampusThreads with their account automatically created and logged in.

User Story #5

- *As a user who has lost access to my social media account, I want to recover my CampusThreads account using my registered email, so that I can regain access even if I cannot use social media login.*
- Acceptance Criteria:
    - Users can enter their registered email to request account recovery.
    - A recovery email with a secure link is sent to the user.
    - Users follow the link to verify their identity and reset their password if necessary.

2. Profile Creation and Management:

User Story #6

- *As a user, I want to be able to edit my profile information, so that I can keep my details up-to-date and accurate.*
- Acceptance Criteria:
    - User can access their profile settings from the main navigation.
    - User can update fields such as name, photo, bio, contact information, university, etc.
    - Changes are saved and reflected immediately on the profile.

User Story #7

- *As a user, I want to manage the privacy settings of my profile information, so that I can control who sees my personal details.*
- Acceptance Criteria:
    - User can set visibility preferences for each profile field (e.g., public, only connections, only me).
    - Privacy settings are saved and enforced across the platform.
    - Users can see their profile as others see it to verify privacy settings.

User Story #8

- *As a user, I want to add my academic and professional details to my profile, so that I can showcase my background and expertise.*
- Acceptance Criteria:
    - User can add and edit academic details (e.g., degrees, universities, research interests).
    - User can add and edit professional details (e.g., positions, publications, projects).
    - Academic and professional details are displayed in a structured format on the profile.

User Story #9

- *As a user, I want to view the profiles of other users, so that I can learn more about their academic and professional backgrounds and interests.*
- Acceptance Criteria:
    - Users can search for and view profiles of other users.
    - Profile pages display all public information and privacy-restricted details as per settings.
    - Users can see shared connections, common interests, and potential collaboration opportunities.

3. Interaction:

User Story #10

- *As a user, I want to send connection requests to other users, so that I can build my network on CampusThreads.*
- Acceptance Criteria:
    - User can search for other users by name, university, or interests.
    - User can view other users' profiles and send connection requests from their profile page.
    - A notification is sent to the recipient when a connection request is sent.

User Story #11

- *As a user, I want to search for other users on CampusThreads, so that I can find and connect with people based on specific criteria.*
- Acceptance Criteria:
    - User can search for other users using various filters (e.g., name, university, research interests, skills).
    - Search results display relevant users with brief profile summaries.

- User can click on search results to view full profiles and send connection requests.

User Story #12

- *As a user, I want to view a list of my connections, so that I can easily access and interact with my network on CampusThreads.*
- Acceptance Criteria:
    - User can access a dedicated connections page.
    - The connections page displays all accepted connections in a list format.
    - Each connection entry includes a link to the user's profile and options to message or remove the connection.

User Story #13

- *As a user, I want to be able to block other users, so that I can prevent unwanted interactions or connection requests from specific individuals.*
- Acceptance Criteria:
    - User can block another user from their profile page.
    - Blocking a user prevents them from sending connection requests, viewing the profile, or interacting in any way.
    - User can manage blocked users from a settings page, including unblocking if desired.

4. Messaging:

User Story #14

- *As a user, I want to send private messages to my connections, so that I can communicate with them directly on CampusThreads.*

- Acceptance Criteria:
    - User can access a messaging interface from their connections list or profile page.
    - User can compose and send a message to any connection.
    - Sent messages are immediately visible in the conversation thread.

User Story #15

- *As a user, I want to view the full conversation history with a connection, so that I can reference past messages and maintain context in our communications.*
- Acceptance Criteria:
    - User can access a complete conversation history with each connection.
    - Conversation history includes all sent and received messages.
    - Messages are displayed in chronological order.

User Story #16

- *As a user, I want to share files and media through private messages, so that I can exchange documents, images, and other resources with my connections.*
- Acceptance Criteria:
    - User can attach files and media to messages.
    - Attached files and media are displayed within the conversation thread.
    - User can download and view received files and media.

User Story #17

- *As a user, I want to search within my message conversations, so that I can easily find specific information or past discussions.*

- Acceptance Criteria:
    - User can use a search bar within the messaging interface.
    - Search results highlight matching messages within the conversation history.
    - User can click on search results to navigate to the relevant part of the conversation.

5. Posting content:

User Story #18

- *As a user, I want to create and share posts, so that I can express my thoughts, share updates, and engage with the CampusThreads community.*
- Acceptance Criteria:
    - User can access a post creation interface.
    - User can write text, add a title, and select categories or tags.
    - User can publish the post, which appears on their profile and in the feed of their connections.

User Story #19

- *As a user, I want to comment on posts and articles, so that I can engage in discussions and provide feedback on shared content.*
- Acceptance Criteria:
    - User can add comments to any post or article.
    - Comments are displayed in a thread below the content.
    - User can edit or delete their own comments.

User Story #20

- *As a user, I want to up/downvote posts and articles, so that I can show my appreciation for valuable content and help highlight popular posts.*
- Acceptance Criteria:

- User can click an up/downvote button on any post or article.
- The total number of up/downvotes is displayed on the content.
- User can remove their up/downvote if they change their mind.

User Story #21

- *As a user, I want to view and manage my own posts and articles, so that I can update, delete, or review my shared content.*
- Acceptance Criteria:
    - User can access a list of their own posts and articles from their profile.
    - User can edit or delete their content at any time.
    - Changes are reflected immediately in the feed and on the profile.

User Story #22

- *As a user, I want to see a feed of posts and articles, so that I can stay updated with relevant content.*
- Acceptance Criteria:
    - User's feed displays content based on their interests.
    - Feed is updated in real-time with new posts and articles.
    - User can filter the feed by categories, tags, or connections.

User Story #23

- *As a user, I want to save posts and articles for later, so that I can bookmark valuable content and access it easily in the future.*
- Acceptance Criteria:
    - User can save any post or article to a personal saved list.
    - Saved content is accessible from a dedicated section on the user's profile.
    - User can remove content from their saved list at any time.

User Story #24

- *As a user, I want to report posts or articles that are inappropriate or violate community guidelines, so that I can help maintain a safe and respectful environment.*
- Acceptance Criteria:
    - User can report content through a report button on posts and articles.
    - Reports are sent to platform moderators for review.
    - User receives feedback on the status of their report.

6.Q&A section:

User Story #25

- *As a user, I want to post a question in the Q&A section, so that I can seek help or information from the CampusThreads community.*
- Acceptance Criteria:
    - User can access a question submission interface.
    - User can enter a question title and detailed description.
    - User can categorize the question with tags or topics.
    - The question is published and visible to the community.

User Story #26

- *As a user, I want to answer questions posted by others, so that I can share my knowledge and help the community.*
- Acceptance Criteria:
    - User can view a list of questions in the Q&A section.
    - User can select a question and provide an answer.
    - Answers are displayed in a thread under the question.
    - User can edit or delete their own answers.

User Story #27

- *As a user, I want to search for specific questions and answers, so that I can find relevant information quickly.*
- Acceptance Criteria:
    - User can use a search bar to find questions and answers.
    - Search results display relevant questions and answers with highlights of matching terms.
    - User can filter search results by tags, date, or popularity.

User Story #28

- *As a user, I want to tag my questions with relevant keywords, so that others can find and categorize them easily.*
- Acceptance Criteria:
    - User can add tags to their questions during submission.
    - Tags are displayed with the question and clickable for filtering.
    - User can edit tags on their questions after posting.

User Story #29

- *As a question asker, I want to mark an answer as satisfactory, so that others know which answer solved my problem.*
- Acceptance Criteria:
    - User can mark one answer as satisfactory for their question.
    - Satisfactory answers are highlighted and displayed at the top of the answer list.
    - User can change the satisfactory answer if a better solution is provided later.

User Story #30

- *As an answer giver, I want my contribution number to increase when my answer is marked as satisfactory, so that my efforts and helpfulness are recognized.*
- Acceptance Criteria:
  - When an answer is marked as satisfactory, the answer giver's contribution number increases.
  - The contribution number is prominently displayed on the answer giver's profile.
  - The contribution number can be viewed by other users to assess the credibility and helpfulness of the answer giver.

7.Community Groups:

User Story #31

- *As a user, I want to create a new community group on CampusThreads, so that I can gather like-minded individuals around a specific topic, interest, or activity.*
- Acceptance Criteria:
  - User can access a group creation interface.
  - User can set a group name, description, and relevant tags or categories.
  - User can define privacy settings (public, private, invitation-only) for the group.
  - The new group is created and visible to other users.

User Story #32

- *As a user, I want to join an existing community group on CampusThreads, so that I can engage with others who share similar interests or goals.*

- Acceptance Criteria:
  - User can browse or search for community groups based on interests or categories.
  - User can view details about each group, including its purpose and member count.
  - User can request to join public groups or receive invitations to private groups.
  - Upon approval, the user becomes a member of the group.

User Story #33

- *As a group administrator, I want to manage membership requests and group settings, so that I can maintain an active and engaged community.*
- Acceptance Criteria:
  - Group administrators can review and approve membership requests.
  - Administrators can invite users to join private groups.
  - Administrators can remove or block members if needed.
  - Group settings allow administrators to customize privacy, notifications, and other preferences.

User Story #34

- *As a group member, I want to share resources and files with other members of the community group, so that we can collaborate on projects and access valuable materials.*
- Acceptance Criteria:
  - Group members can upload and share documents, presentations, and other files.
  - Shared resources are organized within the group's file repository.
  - Members can comment on shared files and provide feedback.

User Story #35

- *As a student user, I want to host virtual study groups within a community group, so that I can collaborate with classmates, share study materials, and prepare for exams together.*
- Acceptance Criteria:
    - Group members can create virtual study sessions with specified dates and times.
    - Study group events include online video conferencing tools for live collaboration.
    - Participants can join study sessions, share notes, and discuss topics in real-time.

User Story #36

- *As a student organization leader, I want to create an official group for my club or organization on CampusThreads, providing a platform for members to coordinate activities, share announcements, and engage with the broader university community.*
- Acceptance Criteria:
    - Student leaders can establish official campus organizations within CampusThreads.
    - Organization groups feature dedicated sections for events, announcements, and member discussions.
    - Members receive notifications about upcoming meetings, events, and initiatives organized by the student organization.

User Story #37

- *As a user, I want to search for community groups based on specific interests (e.g., robotics, entrepreneurship, literature), so that I can find relevant groups to join.*
- Acceptance Criteria:
    - CampusThreads provides a search bar specifically for discovering community groups.

- Users can enter keywords or interests into the search bar.
- Search results display relevant community groups matching the entered criteria.
- Users can filter search results by categories, tags, or popularity.

User Story #38

- *As a user, I want to see a list of popular and active community groups on CampusThreads, so that I can explore vibrant and engaging communities.*
- Acceptance Criteria:
    - CampusThreads features a section showcasing popular and active community groups.
    - Groups are ranked based on member engagement, post frequency, and interaction levels.
    - Users can access detailed profiles of each group, including descriptions, member demographics, and recent activities.
    - Popular groups are prominently displayed for easy discovery.

8.Notifications:

User Story #39

- *As a user, I want to receive notifications when my questions are answered or when new answers are posted in Q&A sections, so that I can get timely responses to my inquiries.*
- Acceptance Criteria:
    - CampusThreads sends notifications when questions posted by the user receive answers or updates.
    - Notifications include links to the answered questions and direct access to view the responses.
    - Users can track the status of their inquiries and follow up on discussions.

User Story #40

- *As a user, I want to receive feedback notifications on my contributions to community discussions, projects, or initiatives, so that I can track my impact and engagement.*
- Acceptance Criteria:
    - CampusThreads provides feedback notifications for user contributions, such as recognition, likes, or comments received on posts and activities.
    - Notifications highlight achievements, milestones, or notable interactions within the platform.
    - Users can view their contribution metrics and celebrate achievements with the community.