BLOGGING PLATFORM

CONNECTCO

SOFTWARE ENGINEERING (IT - 314)

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Sprint Planning Document for College Blog Platform

Project Goal:
To build a college-focused blogging platform that enhances community engagement, especially for introverted students, by providing features that facilitate personal expression, interaction, and involvement with clubs and committees.

Non-Functional Requirements:

- **Scalability**: Platform must support a large number of users and blogs without degradation in performance.
- **Security**: Implement strict security protocols, including data encryption, user authentication, and protection against unauthorized access.
- **Performance**: Ensure fast load times and a responsive user interface across devices.
- **Accessibility**: Incorporate features to ensure the platform is accessible to all students, including those with disabilities.
- **Reliability**: Critical features, especially related to user management and content posting, should have uptime.
- **Usability:** Ease with which users can interact with a system, product, or service to achieve their goals effectively and efficiently. It's a critical component of user experience (UX)
- **Maintainability:** How easily and efficiently a system or product can be updated, repaired, or improved over time.

Estimated Total Project Time: 12-14 weeks

- **Sprint Duration**: 2-3 weeks per sprint

Sprint 1: User Authentication and Profile Management

Title: **User Management - Login, Registration, and Profile Management**
Sprint Goal: Establish the foundational features of user management, including user authentication, registration, and profile editing, to allow access to the platform.

Features:

- **Login and Registration**: Users can create accounts, log in using college-specific email, and securely access their profiles.
- **Profile Management**: Users can edit personal information (name, bio, profile picture) to customize their profiles.

Focus On:

- **Secure Authentication**: Implement industry-standard security measures like password encryption, email verification for secure communication.
- **Responsive UI**: Ensure that the login, registration, and profile pages work well on mobile and desktop platforms.
- **Validation of College Email**: Enforce domain-specific registration (e.g., @college.edu) to restrict access to only college students and staff.

Time: 2-3 weeks
Priority: **Critical**, as users must authenticate before accessing other features.

Functional Points for Sprint 1

Sprint 1: User Authentication and Profile Management

- **External Inputs (EI)**:
  - User login form (simple) = 3 FP
  - User registration form with college-specific email validation (average) = 4 FP
  - Profile editing form (simple) = 3 FP
- **External Outputs (EO)**:
  - Profile display page (simple) = 4 FP
- **Internal Logical Files (ILF)**:
  - User profile data (average) = 10 FP
- **External Interface Files (EIF)**:
  - College email verification system (simple) = 5 FP
- **Total Functional Points for Sprint 1**: 29 FP

Sprint 2: Blog Post Management and Account Recovery

Title: **Blog Creation and Account Recovery**
Sprint Goal: Provide users with the ability to create, edit, and manage their blog posts in various media formats. Additionally, implement password recovery mechanisms for account access.

Features:

- **Blog Post Management**: Users can create and manage blog posts, including text, video, and audio. They can also delete or edit their posts.
- **Forget Password**: Allow users to securely reset their passwords via a link sent to their college email.
- **Change Password**: Users can update their password from their account settings.

Focus On:

- **Rich Text Editor**: Provide a versatile editor to support text formatting, media embedding, and draft-saving functionality.
- **Media Upload**: Ensure media uploads (video, audio) are secure and adhere to size limits with proper validation (file formats, compression).
- **Password Security**: Ensure that passwords are stored using secure algorithms, and reset links expire within a specific timeframe for security.

Time: 2-3 weeks
Priority: **High**, as users must be able to create content and recover accounts securely.

Functional Points for Sprint 2

Sprint 2: Blog Post Management and Account Recovery

- **External Inputs (EI)**:
  - Blog post creation form (average) = 4 FP
  - Password reset form (simple) = 3 FP
  - Password change form (simple) = 3 FP
- **External Outputs (EO)**:
  - Blog post display (average) = 5 FP
- **Internal Logical Files (ILF)**:
  - Blog post data (complex) = 15 FP
- **Total Functional Points for Sprint 2**: 30 FP

Sprint 3: Search and User Interaction

Title: **Search and Social Engagement**
Sprint Goal: Enable users to search for content and interact with posts through social features such as liking, sharing, and commenting.

Features:

- **Search and Browsing**: Users can search for blog posts, tags, and user profiles.
- **Like, Share, and Comments**: Implement social interaction features where users can like and share posts, as well as leave comments.

Focus On:

- **Efficient Search**: Ensure fast and accurate search results with autocomplete functionality for keywords, tags, and user names.
- **Real-Time Updates**: Like and comment counts should update in real-time without page refresh.
- **Spam Protection**: Implement anti-spam measures in comments, including CAPTCHA and rate-limiting for repeated posts.

Time: 2-3 weeks
Priority: **Medium**, to facilitate user interaction and increase engagement on the platform.

Functional Points for Sprint 3

Sprint 3: Search and User Interaction

- **External Inputs (EI)**:
  - Search query form (average) = 4 FP
  - Comment submission form (simple) = 3 FP
  - Like/ share form (simple) = 3 FP

- **External Outputs (EO)**:
  - Search results display (average) = 5 FP
  - Comment display (simple) = 4 FP
  - Like/share counters (simple) = 4 FP

- **Internal Logical Files (ILF)**:
  - Comments and interaction data (average) = 10 FP

- **Total Functional Points for Sprint 3**: 33 FP

Sprint 4: Collaboration and Forums

Title: **User Collaboration and Forum Features**
Sprint Goal: Introduce collaborative posting, private blogs, following functionality, and forums for clubs and committees to enhance group interactions and personal privacy.

Features:

- **Collaborative Posts**: Allow multiple users to co-author a blog post, especially for club activities and events.
- **Private Blogs**: Users can choose to make their blogs private or share them with a select group of people.
- **Following**: Users can follow other profiles or clubs, receiving notifications about their new posts.
- **Forums**: Clubs and committees can create forums to share announcements, conduct polls, and discuss topics.

Focus On:

- **Privacy Controls**: Allow users to set visibility options for their posts (e.g., public, private, or selective access).
- **Real-Time Notifications**: Users receive immediate notifications for new posts by followed accounts or clubs.
- **Forum Management**: Ensure forum creation and moderation are easy to manage, with support for polls and threaded discussions.

Time: 2-3 weeks
Priority: **Medium**, to promote collaboration and cater to club and committee needs.

Functional Points for Sprint 4

Sprint 4: Collaboration and Forums

- **External Inputs (EI)**:
  - Collaborative post creation (simple) = 3 FP
  - Forum creation (average) = 4 FP
  - Follow user/club function (simple) = 3 FP
  - Private blog creation (simple) = 3 FP
- **External Outputs (EO)**:
  - Forum posts display (average) = 5 FP
  - Notifications for followed users/clubs (simple) = 4 FP
- **Internal Logical Files (ILF)**:
  - Forum data (simple) = 7 FP
  - Collaboration data (simple) = 7 FP
- **Total Functional Points for Sprint 4**: 36 FP

Sprint 5: Analytics and Feedback

Title: **User Engagement and Feedback Mechanisms**
Sprint Goal: Provide users with access to engagement analytics and introduce a complaint box feature to allow students to submit feedback or issues directly to administrators.

Features:

- **Engagement Statistics**: Display the number of followers, likes, shares, and comments on a user's profile, providing insights into their blog's reach and popularity.
- **Complaint Box**: Users can submit complaints or suggestions, which are forwarded to the college administration for resolution.

Focus On:

- **Analytics Dashboard**: Provide a visual dashboard with graphs and charts to represent engagement data in an easy-to-understand format.
- **Secure Feedback Submission**: Ensure that all complaints are securely transmitted and tracked, allowing administrators to respond appropriately.

Time: 2-3 weeks
Priority: **Medium**, as it enhances user satisfaction by providing insights and channels for feedback.

Functional Points for Sprint 5

Sprint 5: Analytics and Feedback

- **External Inputs (EI)**:
  - Complaint submission form (simple) = 3 FP
- **External Outputs (EO)**:
  - Engagement statistics display (average) = 5 FP
  - Complaint resolution feedback (simple) = 4 FP
- **Internal Logical Files (ILF)**:
  - Engagement data (average) = 10 FP
  - Complaint records (simple) = 7 FP
- **Total Functional Points for Sprint 5**: 29 FP

Sprint 6: Notifications and Moderation

Title: **Additional Features for Platform Security and Event Updates**
Sprint Goal: Introduce a notice board for college-wide announcements and implement moderation tools, including user blocking and reporting to maintain a safe and respectful environment.

Features:

- **Notice Board**: A centralized space for important college announcements, events, and updates, managed by the admin panel.
- **Blocks and Reports**: Users can block or report inappropriate content, and admin users can review these reports for potential disciplinary action.

Focus On:

- **Admin Control**: Ensure the notice board is managed by college administrators, with the ability to post, edit, or remove notices.
- **Reporting System**: Implement a robust reporting mechanism that allows users to report inappropriate content anonymously, with admin tools for reviewing and acting on reports.

Time: 2-3 weeks
Priority: **Medium**, to create a safe environment and keep users informed about college-related events.

Total Sprints: 6
Total Time: 12-14 weeks

Functional Points for Sprint 6

Sprint 6: Notifications and Moderation

- **External Inputs (EI)**:
  - Report/block form (simple) = 3 FP
  - Notice submission form (average) = 4 FP
- **External Outputs (EO)**:
  - Notice board display (simple) = 4 FP
  - Block/report resolution (simple) = 4 FP
- **Internal Logical Files (ILF)**:
  - Notice data (simple) = 7 FP
  - Moderation data (simple) = 7 FP
- **Total Functional Points for Sprint 6**: 29 FP

Link of Sprints with user stories :

https://www.figma.com/board/hEaccaR6QBGZa7DrWa7fwu/Scrum-Board-Template-(Community)?node-id=0-1&t=HTU4d5AbvCNjCnFw-1

Functional Points Calculation

Functional points are Calculated according to the following table.

How to Count Function Points?

Function Type	Low	Average	High
EI	x 3	x 4	x 6
EO	x 4	x 5	x 7
EQ	x 3	x 4	x 6
ILF	x 7	x 10	x 15
EIF	x 5	x 7	x 10

Sprint-1 (Functional Points-29)

Functional Points	Low	Average	High	Total
External Inputs(EI)	3x2	4x1	-	10
External Outputs(EO)	4x1	-	-	4
External Query(EQ)	-	-	-	-
Internal Logical Files(ILF)	-	10x1	-	10

External Interface Files(EIF)	5x1	-	-	5
Total				29

Sprint-2 (Functional Points-30)

Functional Points	Low	Average	High	Total
External Inputs(EI)	3x2	4x1		10
External Outputs(EO)		5x1		5
External Query(EQ)	-	-	-	-
Internal Logical Files(ILF)			15x1	15
External Interface Files(EIF)	-	-	-	-
Total				30

Sprint-3 (Functional Points-33)

Functional Points	Low	Average	High	Total
External Inputs(EI)	3x2	4x1	-	10
External Outputs(EO)	4x2	5x1	-	13
External Query(EQ)	-	-	-	-
Internal Logical Files(ILF)	-	10x1	-	10
External Interface Files(EIF)	-	-	-	-
Total				33

Sprint-4 (Functional Points-36)

Functional Points	Low	Average	High	Total
External Inputs(EI)	3x3	4x1	-	13
External Outputs(EO)	4x1	5x1	-	9
External Query(EQ)	-	-	-	-
Internal Logical Files(ILF)	7x2	-	-	14

External Interface Files(EIF)	-	-	-	-
Total				36

Sprint-5 (Functional Points-29)

Functional Points	Low	Average	High	Total
External Inputs(EI)	3x1			3
External Outputs(EO)	4x1	5x1		9
External Query(EQ)	-	-	-	-
Internal Logical Files(ILF)	7x1	10x1		17
External Interface Files(EIF)	-	-	-	-
Total				29

Sprint-6 (Functional Points-29)

Functional Points	Low	Average	High	Total
External Inputs(EI)	3x1	4x1	-	7
External Outputs(EO)	4x2	-	-	8
External Query(EQ)	-	-	-	-
Internal Logical Files(ILF)	7x2	-	-	14
External Interface Files(EIF)	-	-	-	-
Total				29

Total Functional Points: FP(sprint 1) + FP(sprint 2) + FP(sprint 3) + FP(sprint 4) + FP(sprint 5) + FP(sprint 6)

: 29 + 30 + 33 + 36 + 29 + 29

: 186

Total Unadjusted Functional Points = 186

Calculation of Adjusted Functional Points(FP) :

1. Backup and recovery: Essential for user data, blog posts, forums, collaboration, analytics, and security.
   Rating: 4
2. Data communication: High across features such as user interaction, blog posts, collaboration, search, and analytics.
   Rating: 5
3. Distributed processing functions: May be relevant for distributed data processing in collaboration and real-time updates.
   Rating: 3
4. Is performance critical?: Critical for real-time user interactions, search functionality, and system performance.
   Rating: 5
5. Existing operating environment: Standard operating environment for the college system with moderate complexity.
   Rating: 3
6. On-line data entry: High due to user input for posts, comments, forums, and collaboration.
   Rating: 4
7. Input transaction built over multiple screens: Moderately relevant in cases like blog creation, forum posts, and profile setup.
   Rating: 3
8. Master files updated on-line: High for updating blog posts, forums, user interactions, and analytics in real-time.
   Rating: 4
9. Complexity of inputs, outputs, files, inquiries: Moderately complex due to different inputs (text, media), outputs (blogs, notifications), files, and inquiries.
   Rating: 4

10. Complexity of processing: Moderate complexity due to media handling, real-time updates, and analytics.
    Rating: 4
11. Code design for reuse: Reusability is crucial for user authentication, blog management, and interaction features.
    Rating: 4
12. Are conversion/installation included in design?: Not applicable.
    Rating: 1
13. Multiple installations: Single installation for the entire platform.
    Rating: 1
14. Application designed to facilitate change by the user: Users can easily update their profile, posts, and interactions.
    Rating: 4

Total Complexity Weight

Summing up the ratings:

Total Complexity Weight (Fi)=4+5+3+5+3+4+3+4+4+4+4+1+1+4=49

Calculation of Technical Complexity Factor (TCF)

The Technical Complexity Factor is calculated using the formula:

TCF = 0.65+0.01×Total Complexity Weight

TCF=0.65+0.01×49 = 0.65 + 0.49 = 1.14

Adjusted Function Points (AFP)

Now, we apply this TCF to the total unadjusted Function Points (FP). The unadjusted FP for the entire platform is 186, the Adjusted FP (AFP) is calculated as:

AFP = FP×TCF

$AFP = 186 \times 1.14$

Final Adjusted Function Points: 212.04

This is the adjusted function point count for the entire College Blog Platform, considering the 14 complexity factors.

Wall of work

Stay on track and organized with a wall of work that colorfully represents your team's trajectory.

How to use this template

1. Identify the topic for your wall of work.
2. Add team members responsible for the project.
3. Develop list of tasks and drop in the corresponding status box.

Quick tips

Start with the toolbar
It's at the bottom of your screen, with stickies, stamps, and anything you need.

Move and zoom
Use the hand tool to pan around. Zoom controls are in the top right corner.

But first: get your team in here
FigJam's better with others. Click the **Share** button above to invite your team.

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Product Backlog

Edit Profile

- Edit Personal Information
  As a student, I want to be able to edit my personal information, including my name, profile picture, and other personal details, so that I can update my profile as needed and reflect my identity.
- Update Academic Information
  As a student, I want to be able to update my academic information, interests and skills, so that I can showcase my areas of expertise and interests to connect with like-minded peers.
- Edit Club Profile
  As a club/committee leader, I want to be able to edit the club profile, so that I can update the club's description, profile picture, activities, and contact information.
- Link Social Media Accounts
  As a student, I want to be able to link my social media accounts to my profile, so that my peers can connect with me on other platforms.
- Edit Profile Information
  As a college admin, I want to be able to edit my profile, so that I can update my contact information, profile picture, and designation.
- Manage Core Members
  As a club/committee leader, I want to be able to add and remove core members from the club profile, so that the club details are always up to date.

Following

- Follow Other Students, Clubs, and Committees
  As a student, I want to follow other students, clubs, and committees, so that I can stay updated with their latest posts and activities.
- View List of People Followed
  As a student, I want to view a list of people I follow, so that I can keep track of their posts and activities.
- Receive Notifications only for Followers
  As a student, I want to receive followers-only notifications, so that I can stay updated on exclusive content shared by those I follow.
- Send Notifications to Followers
  As a student, I want to send notifications only to my followers when I post something exclusive or personal, so that only those who are genuinely interested in my updates receive them.

Blog Post Management

- Create Blog Post with Rich Text Editing
  As a student, I want to create a blog post, with rich text editing, so that I can share my thoughts and ideas with others.
- Edit Blog Post After Publishing
  As a student, I want to edit my blog post after publishing, so that I can correct mistakes or update the content.
- Create Blog Post with Rich Text Editing
  As a club/committee, I want to create a blog post, with rich text editing, so that I can share the club details with the college.
- Edit Blog Post After Publishing
  As a club/committee, I want to edit my blog post after publishing, so that I can correct mistakes or update the content.
- Include Audio in Blog Post
  As a student, I want to include audio in my blog post, so that I can enhance my content with spoken word or music.
- Include Audio in Blog Post
  As a club/committee, I want to include audio in my blog post, so that I can enhance my content with spoken word or music.
- Like, Share, and Comment on Blog Posts
  As a student, I want to like, share, and comment on blog posts, so that I can interact with the content and other users.
- Like, Share, and Comment on Blog Posts
  As a club/committee, I want to like, share, and comment on blog posts, so that I can interact with the content and share our activities with other users.
- Delete Blog Post
  As a club/committee member, I want to delete a blog post created by our club, so that we can manage the content associated with our activities.
- Include Video in Blog Post
  As a student, I want to include a video in my blog post, so that I can share visual content with my audience.
- Delete Blog Post
  As a student, I want to delete a blog post, so that I can manage my blog better.
- Include Video in Blog Post
  As a club/committee, I want to include a video in my blog post, so that I can share visual content with my audience.
- Collaborate on Blog Posts
  As a club/committee member, I want to collaborate on blog posts with other members, so that we can create joint content for our club.

Engagement Statistics

- View Upvotes on Posts
  As a student, I want to be able to see the number of upvotes I get on my posts, so that I can access my post activity.
- View Published Posts Count
  As a club/committee, I want to be able to see how many posts I have published on the platform till the current date, so that I am aware of my content.
- View Comments on Posts
  As a club/committee, I want to be able to see the number of comments on my posts/committee posts, so that I can access the level of interaction with my content.
- View Comments on Posts
  As a student, I want to be able to see the number of comments on my posts, so that I can access my post activity.
- View Blog Views
  As a student, I want to be able to see how many views I get on my blogs, so that I am aware of my content's demand.
- View Published Blogs Count
  As a student, I want to be able to see how many blogs I have published on the platform till the current date, so that I am aware of my content.
- View Upvotes on Posts
  As a club/committee, I want to be able to see the number of upvotes I get on my posts/committee posts, so that I can access the level of engagement and interest in my contributions.
- View Published Posts Count
  As a club/committee, I want to be able to see how many posts I have published in my club/committee so that I am aware of my contribution level.
- View Number of Followers
  As a club/committee, I want to see how many people are following my club/committee, so that I am aware of its popularity and reach.
- View Number of Followers
  As a student, I want to be able to see how many people are following me, so that I am aware of my popularity in college.
- View Post Views
  As a club/committee, I want to see how many views my club/committee posts get, so that I am aware of their visibility and interest among members.
- View Post Views
  As a student, I want to see how many views my posts get, so that I am aware of their visibility and interest among members.
- View Blog Views
  As a club/committee, I want to see how many views our blogs get, so that I am aware of our content's reach among members.
- View Number of Followers
  As a club/committee, I want to see how many people follow our committee, so that I am aware of its popularity and reach.

Registration and Login

- Register and Create an Account
  As a student, I want to register and create an account on the blogging platform, so that I can login and add or view blogging content.
- Reset Password
  As a student, I want to reset my password if I forget it, so that I can regain access to the blogging platform.
- Reset Password
  As a club/committee member, I want to reset my password if I forget it, so that I can regain access to the blogging platform.
- Log In
  As an admin, I want to log in to the blogging platform, so that I make important announcements and see the blogging content.
- Receive OTP for Verification
  As a student, I want to receive an OTP via email or SMS during registration, so that I can securely verify my identity.
- Register and Create an Account
  As a club or committee member, I want to register and create an account on the blogging platform, so that I can login and manage or contribute to my club/committee's blog content.
- Reset Password
  As an admin, I want to reset my password if I forget it, so that I can regain access to the blogging platform.
- Log In
  As a student, I want to log in to the blogging platform, so that I can access and engage with blog content.
- Log In
  As a club or committee member, I want to log in to the blogging platform, so that I can manage or contribute to my club/committee's blog posts.
- Register and Create an Account with Admin Privileges
  As an admin, I want to register and create an account with admin privileges on the blogging platform, so that I can access the blogging platform and its features.
- Receive OTP for Verification
  As a club or committee member, I want to receive an OTP via email or SMS during registration, so that I can securely verify my identity.
- Receive OTP for Verification
  As an admin, I want to receive an OTP via email or SMS during registration, so that I can securely verify my identity.

Search and Browsing

- Search Blog Posts by Keywords
  As a student, I want to search for blog posts by keywords, so that I can quickly find relevant content.
- Search Blog Posts by Keywords
  As a club/committee member, I want to search for blog posts by keywords, so that I can quickly find relevant content.
- Search Blog Posts by Keywords
  As a college admin, I want to search for blog posts by keywords (e.g., "college policy" or "campus event"), so that I can monitor discussions and engagement.
- Search Blog Posts Related to Past Events
  As a club/committee member, I want to search for blog posts related to past events organized by my club, so that I can review coverage and feedback.
- Search Blog Posts Related to Past Events
  As a student, I want to search for blog posts related to past events, so that I can stay updated on recent activities and experiences.
- Search Blog Posts Related to Past Events
  As a college admin, I want to search for blog posts related to past events, so that I can stay updated on recent activities and experiences, or more.
- Search Blog Posts Followed Users
  As a student, I want to search for blog posts by users I follow, so that I can quickly find their posts.
- Search Blog Posts Followed Users
  As a club/committee member, I want to search for blog posts by users we follow, so that we can quickly find their posts.
- Browse Blog Posts by Engagement Statistics
  As a college admin, I want to browse blog posts by engagement statistics (e.g., most commented or most liked) so that I can identify content that resonates with the student body.
- Browse Blog Posts by Engagement Statistics
  As a club/committee member, I want to browse blog posts by engagement statistics (e.g., most commented or most liked) so that I can identify content that resonates with the student body.
- Filter Blog Posts by Categories
  As a student, I want to filter blog posts by categories (e.g., technology, sports, culture) so that I can explore topics of interest more easily.
- Filter Blog Posts by Event Date
  As a club/committee member, I want to filter blog posts by event date to find content related to specific events our club organized.
- Filter Blog Posts by Event Date
  As a student, I want to be able to filter blog posts by event date, so that I can explore content related to specific events.
- Browse Blog Posts Tagged with Club's Name
  As a club/committee member, I want to browse through blog posts tagged with our club's name so that I can easily find and share content relevant to our activities.
- Like, Share, and Comment on Blog Posts
  As a student, I want to like, share, and comment on blog posts, so that I can interact with the content and other users.
- Like, Share, and Comment on Blog Posts
  As a club/committee, I want to like, share, and comment on blog posts, so that I can interact with the content and share our activities with other users.

Complain Box

- Submit Complaints Anonymously
  As a student, I want to submit complaints anonymously through the complaint box, ensuring privacy and encouraging honest feedback.
- Review and Categorize Complaints
  As an administrator, I want to review and categorize complaints based on urgency or topic (e.g., infrastructure, academics, or student life).
- Receive Notifications on Complaint Status
  As a user, I want to receive notifications when my complaint status changes (e.g., when it's resolved or under investigation).
- Assign Complaints to Relevant Departments
  As a college staff member, I want to assign complaints to relevant departments (e.g., maintenance, library, or administration) for timely resolution.
- Track Complaint Trends
  As a student council representative, I want to track the overall complaint trends to identify recurring issues and propose improvements.

Online Forums

- View and Participate in Announcements
  As a student, I want to view and participate in announcements in the forum, so that I can gather updates and stay informed about key updates and events.
- Create and Participate in Polls
  As a student, I want to create and participate in polls within the forum, so that I can gather opinions and make informed decisions based on collective feedback.
- Post and Highlight Announcements
  As a club/committee member, I want to post and highlight important announcements in the forum, so that all members are informed of key updates, events, and decisions.
- Create and Manage Polls
  As a club/committee member, I want to create and manage polls within the forum, so that I can gather input from members on important decisions or activities.
- Share Important Links
  As a club/committee member, I want to share important links in the forum, so that members have easy access to relevant resources and information.
- Share and Access Useful Links
  As a club/committee member, I want to share and manage useful links within the forum, so that I can gather input from members on important decisions or activities.

Notice Board

- Post Announcements
  As a college student, I want to post announcements about upcoming events, workshops, and seminars on the notice board, so that other students can stay informed.
- Approve or Reject Posts
  As a college administrator, I want to approve or reject posts submitted by students, so that I can maintain the quality and relevance of content on the notice board.
- Search Notice Board Posts
  As a user, I want to search for specific topics or keywords within the notice board posts, making it easier to find relevant information.

Sprint Planning

Sprint 1

- Register and Create an Account
  As a student, I want to register and create an account on the blogging platform, so that I can login and add or view blogging content.
- Register and Create an Account
  As a club or committee member, I want to register and create an account on the blogging platform, so that I can login and manage or contribute to my club/committee's blog content.
- Log In
  As an admin, I want to log in to the blogging platform, so that I make important announcements and see the blogging content.
- Register and Create an Account with Admin Privileges
  As an admin, I want to register and create an account with admin privileges on the blogging platform, so that I can access the blogging platform and its features.
- Receive OTP for Verification
  As a student, I want to receive an OTP via email or SMS during registration, so that I can securely verify my identity.
- Receive OTP for Verification
  As a club or committee member, I want to receive an OTP via email or SMS during registration, so that I can securely verify my identity.
- Log In
  As a student, I want to log in to the blogging platform, so that I can access and engage with blog content.
- Log In
  As a club or committee member, I want to log in to the blogging platform, so that I can manage or contribute to my club/committee's blog posts.
- Receive OTP for Verification
  As an admin, I want to receive an OTP via email or SMS during registration, so that I can securely verify my identity.
- Edit Personal Information
  As a student, I want to be able to edit my personal information, including my name, profile picture and bio so that my profile stays current and reflects my identity.
- Update Academic Information
  As a student, I want to be able to update my academic information, interests and skills, so that I can showcase my areas of expertise and interests to connect with like-minded peers.
- Manage Core Members
  As a club/committee leader, I want to be able to add and remove core members from the club profile, so that the club details are always up to date.
- Edit Club Profile
  As a club/committee leader, I want to be able to edit the club profile, so that I can update the club's description, profile picture, activities, and contact information.
- Link Social Media Accounts
  As a student, I want to be able to link my social media accounts to my profile, so that my peers can connect with me on other platforms.

Sprint 3

- Search Blog Posts by Keywords
  As a student, I want to search for blog posts by keywords so that I can quickly find relevant content.
- Search Blog Posts of Followed Users
  As a student, I want to search for blog posts so that I can follow the work of the people I like to follow.
- Search Blog Posts by Keywords
  As a college admin, I want to search for blog posts by keywords (e.g., "college policy" or "campus event") so that I can monitor discussions and engagement.
- Browse Blog Posts by Engagement Statistics
  As a college admin, I want to browse blog posts by engagement statistics (e.g., most commented or most liked) so that I can identify content that resonates with the student body.
- Filter Blog Posts by Categories
  As a student, I want to filter blog posts by categories (e.g., technology, sports, culture) so that I can explore topics of interest more easily.
- Search Blog Posts Related to Past Events
  As a club/committee member, I want to search for blog posts related to past events organized by my club so that I can review coverage and feedback.
- Filter Blog Posts by Event Date
  As a club/committee member, I want to filter blog posts by event date to find content related to specific events our club organized.
- Browse Blog Posts Tagged with Club's Name
  As a club/committee member, I want to browse through blog posts tagged with our club's name so that I can easily find and share content relevant to our activities.
- Like, Share, and Comment on Blog Posts
  As a student, I want to like, share, and comment on blog posts, so that I can interact with the content and other users.
- Like, Share, and Comment on Blog Posts
  As a club/committee, I want to like, share, and comment on blog posts, so that I can interact with the content and share our activities with other users.

Sprint 5

- View Upvotes on Posts
  As a club/committee, I want to be able to see the number of upvotes I get on my club/committee posts so that I can track the engagement and impact of my contributions.
- View Published Posts Count
  As a club/committee, I want to see how many posts I have published in my club/committee so that I am aware of my contribution level.
- View Published Blogs Count
  As a student, I want to be able to see how many blogs I have published on the platform till the current date so that I am aware of my content.
- View Blog Views
  As a student, I want to be able to see how many views I get on my blogs so that I am aware of my content's demand.
- View Number of Followers
  As a club/committee, I want to see how many people are following my club/committee so that I am aware of its popularity and reach.
- View Post Views
  As a club/committee, I want to see how many views my club/committee posts get so that I am aware of their visibility and interest among members.
- View Number of Followers
  As a student, I want to be able to see how many people are following me so that I am aware of my popularity in college.
- View Comments on Posts
  As a club/committee, I want to be able to see the number of comments on my club/committee posts so that I can know the level of interaction with my content.
- Submit Complaints Anonymously
  As a student, I want to submit complaints anonymously through the complaint box, ensuring privacy and encouraging honest feedback.
- Receive Notifications on Complaint Status
  As a user, I want to receive notifications when my complaint status changes (e.g., when it's resolved or under investigation).
- Review and Categorize Complaints
  As an administrator, I want to review and categorize complaints based on urgency or topic (e.g., infrastructure, academics, or student life).
- Track Complaint Trends
  As a student council representative, I want to track the overall complaint trends to identify recurring issues and propose improvements.
- View Comments on Posts
  As a student, I want to be able to see the number of comments on my posts so that I can access my post activity.
- View Upvotes on Posts
  As a student, I want to be able to see the number of upvotes I get on my posts so that I can access my post activity.

Sprint 2

- Create Blog Post with Rich Text Editing
  As a student, I want to create a blog post, with rich text editing, so that I can share my thoughts and ideas with others.
- Edit Blog Post After Publishing
  As a student, I want to edit my blog post after publishing, so that I can correct mistakes or update the content.
- Edit Blog Post After Publishing
  As a club/committee, I want to edit my blog post after publishing, so that I can correct mistakes or update the content.
- Delete Blog Post
  As a club/committee member, I want to delete a blog post created by our club, so that we can manage the content associated with our activities.
- Include Audio in Blog Post
  As a student, I want to include audio in my blog post, so that I can enhance my content with spoken word or music.
- Include Video in Blog Post
  As a student, I want to include a video in my blog post, so that I can share visual content with my audience.
- Create Blog Post with Rich Text Editing
  As a club/committee, I want to create a blog post, with rich text editing, so that I can share the club details with the college.
- Include Audio in Blog Post
  As a club/committee, I want to include audio in my blog post, so that I can enhance my content with spoken word or music.
- Delete Blog Post
  As a student, I want to delete a blog post, so that I can manage my blog better.
- Include Video in Blog Post
  As a club/committee, I want to include a video in my blog post, so that I can share visual content with my audience.
- Reset Password
  As a student, I want to reset my password if I forget it, so that I can regain access to the blogging platform.
- Reset Password
  As a club or committee member, I want to reset my password if I forget it, so that I can regain access to the blogging platform.
- Reset Password
  As an admin, I want to reset my password if I forget it, so that I can regain access to the blogging platform.
- Enforce Password Policies and Allow Password Changes
  As a college admin, I want to enforce password policies and allow users to change their passwords, so that we can ensure the platform are secure against unauthorized access.
- Update Club Account Password
  As a member of a club/committee, I want to ensure our club's account password is updated regularly, so that we can maintain control over our club's blog content and communications.
- Change Password Easily
  As a student, I want to be able to change my password easily, so that I can secure my account if I suspect any unauthorized access.

Sprint 4

- Collaborate on Blog Posts
  As a club/committee member, I want to collaborate on blog posts with other members, so that we can create joint content for our club.
- Create and Manage Polls
  As a student, I want to share and access useful links in forum posts so that I can provide or find resources relevant to the discussion.
- Create and Participate in Polls
  As a student, I want to create and participate in polls within the forum, so that I can gather opinions and make informed decisions based on collective feedback.
- Post and Highlight Announcements
  As a club/committee member, I want to post and highlight important announcements in the forum so that all members are informed of key updates, events, and decisions.
- View and Respond to Announcements
  As a student, I want to view and respond to important announcements in the forum, so that I stay informed about key updates and events.
- Share Important Links
  As a club/committee member, I want to share important links in the forum so that members have easy access to relevant resources and information.
- Share and Access Useful Links
  As a club/committee member, I want to share and manage useful links within the forum, so that I can gather input from members on important decisions or activities.
- Create Private Blog Posts
  As a student, I want to have the option to create private blog posts that are only visible to selected friends or groups, so that I can share personal content with only those I trust.
- Follow Other Students, Clubs, and Committees
  As a student, I want to follow other students, clubs, and committees, so that I can stay updated with their latest posts and activities.
- View List of People Followed
  As a student, I want to view a list of people I follow, so that I can manage my interests and unfollow if needed.
- Receive Followers-Only Notifications
  As a student, I want to receive followers-only notifications, so that I am aware of exclusive content shared by those I follow.
- Send Notifications to Followers
  As a student, I want to send notifications only to my followers when I post something exclusive or personal, so that only those who are genuinely interested in my updates receive them.

Sprint 6

- Post Announcements
  As a college student, I want to post announcements about upcoming events, workshops, and seminars on the notice board so that other students can stay informed.
- Search Notice Board Posts
  As a user, I want to search for specific topics or keywords within the notice board posts, making it easier to find relevant information.
- Approve or Reject Posts
  As a college administrator, I want to approve or reject posts submitted by students to maintain the quality and relevance of content on the notice board.
- Block Specific Users
  As a student, I want to be able to block specific users from interacting with my blog posts and profile, so that I can prevent unwanted communication.
- View and Manage Blocked Users
  As a college admin, I want to view and manage blocks or restrict users who violate community guidelines, so that the platform remains a safe and welcoming environment for all.
- Receive and Review Reports
  As a college admin, I want to receive and review reports from users about inappropriate content or behaviour, so that I can take appropriate actions such as warnings, suspensions, or bans.
- Block or Restrict Users
  As a student, I want to see a list of other students whom I have blocked, so that I can manage my blocked users and unblock them if I choose to.
- Report Inappropriate or Harmful Content/ Behaviour
  As a student, I want to report inappropriate or harmful content or behavior by other users, so that necessary actions can be taken to maintain a safe environment.
- Block Users for Inappropriate Content
  As a student, I want to provide feedback on why I blocked or reported someone, so that my concerns are clearly communicated to the college admin.
- Provide Feedback on Blocking
  As a member of a club/committee, I want to be able to block users who consistently post inappropriate or spam content, so that our club remains safe and focused on relevant topics.
- Report Users for Spamming or Disruptive Behaviour
  As a member of a club/committee, I want to report users who spam our club's posts or engage in disruptive behaviour, so that these issues can be addressed promptly.