



Dhirubhai Ambani Institute of Information and Communication Technology

Gandhinagar, Gujarat

IT-314

## Software Engineering

(Prof. Saurabh Tiwari)

### LAB 3: Use Case Modelling and Product Backlog (TASK 2)

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### User Stories:

#### Actor – USER

User Story	Acceptance Criteria	Priority
As a user, I want to be able to view another user's profile so that I learn more about their contributions.	<ul style="list-style-type: none"><li>• If the profile is private, then the other user cannot view the content posted by them.</li><li>• The profile should display user's profile picture, bio, number of followers, number of users they are following, recent posts (if profile is public), comments, and followed spaces.</li></ul>	Must Have
As a user I want to login to my account so that I can access the complete range of features.	<ul style="list-style-type: none"><li>• A user must enter a valid email address and password.</li><li>• If the user has forgotten password, then they should get an email to their registered email id to reset their password.</li></ul>	Must Have
As a user, I want to be able to follow other users so that I can view their latest posts on priority basis.	<ul style="list-style-type: none"><li>• If a user's profile is private, others can follow them only if they permit them.</li><li>• User's feed prioritizes the post made by the users they follow.</li><li>• (Based on discussion) User is notified when their followed user posts.</li></ul>	Should Have
As a user, I want to view and edit my own profile so that I can update my personal details.	<ul style="list-style-type: none"><li>• If the user is logged in, then only he/she can view and edit his/her profile.</li><li>• The system should save the entered data with a success message.</li><li>• There should be a reset option besides a save changes button.</li><li>• The user should be able to update the profile picture, bio and contact information.</li><li>• There should be privacy settings for making the profile private or public, private meaning only followers can see the profile details.</li></ul>	Must Have
As a user, I want to view a post so that I can remain updated	<ul style="list-style-type: none"><li>• If the post is private, only the users which follow the user can interact with it.</li><li>• The post should display the option to view the author's profile by clicking on their name or avatar.</li></ul>	Must Have

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about topics which interest me.	<ul style="list-style-type: none"> <li>The author's posts should include an "Edit" or "Delete" option if they are viewing their own post.</li> <li>Users should be able to share the post via social media, direct link, or email.</li> </ul>	
As a user I want to be able to comment on another user's post so that I can engage in a discussion with them.	<ul style="list-style-type: none"> <li>A user must be logged in to be able to comment on another user's post.</li> <li>A user can comment on a private post if and only if they follow the user.</li> <li>A user should be able to edit/delete their comment.</li> </ul>	Must Have
As a user, I want to search for posts or spaces so that I can find relevant information easily.	<ul style="list-style-type: none"> <li>The search function should allow users to search by keyword, tags, or author.</li> <li>Search results should include both posts and spaces.</li> </ul>	Must Have
As a user, I want to create posts so that I can share my thoughts and engage with the community.	<ul style="list-style-type: none"> <li>The post creation page should allow users to write text, upload images, and attach files.</li> <li>Users should be able to assign tags and select spaces where the post will be shared.</li> <li>A draft should be saved automatically, and a confirmation message should appear after posting.</li> </ul>	Must Have
As a user, I want to bookmark posts so that I can save them for future reference.	<ul style="list-style-type: none"> <li>Users should be able to bookmark any post and access it from their profile.</li> <li>Bookmarked posts should be categorized by date or tags for easy retrieval.</li> <li>A notification should confirm when a post is successfully bookmarked.</li> </ul>	Could Have
As a user, I want to report any inappropriate comment or post so that I can help moderator address harmful content in the community.	<ul style="list-style-type: none"> <li>A "Report" button should be visible next to every post and comment.</li> <li>If a user is found to abuse the report feature, moderators should have the ability to restrict their reporting capabilities.</li> <li>The system should automatically notify moderators when a post or comment is reported, along with the selected reason and reporter's username.</li> </ul>	Should Have

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As a user, I want to upvote or downvote posts to express my opinion on their quality or relevance.	<ul style="list-style-type: none"> <li>• Users should be able to click an upvote or downvote button on each post.</li> <li>• The system should display the total number of upvotes and downvotes.</li> </ul>	Should Have
As a user I want to block other users so that I can restrict some users from interacting with me.	<ul style="list-style-type: none"> <li>• User should be logged in to be able to block someone.</li> <li>• If a user is blocked by someone, they cannot view their ID or posts.</li> </ul>	Should Have
As a user I want to apply filters so that I can find my preferred spaces easily.	<ul style="list-style-type: none"> <li>• Spaces with that tag assigned to them should come up.</li> </ul>	Should Have
As a user I want to join a space so that I can get involved in discussions which interest me.	<ul style="list-style-type: none"> <li>• A user must be logged in to join a space.</li> <li>• If a space is private, then the user can join the space only if the admin permits them.</li> </ul>	Must Have
As a user I want to assign tags to the spaces I create so that I can attract people with like interests to join my space.	<ul style="list-style-type: none"> <li>• Users can assign multiple tags restricted to a limit to their space.</li> <li>• Users can add custom tags following a certain character limit.</li> <li>• System should prevent users from adding duplicate tags.</li> </ul>	Should Have
As a user I want to add description to my space so that an interested user can get to know what my space is about.	<ul style="list-style-type: none"> <li>• A user must be logged in.</li> <li>• User must have created space to add the description.</li> </ul>	Could Have
As a user I want to assign moderator role to others so that they can help me keep a positive and well-	<ul style="list-style-type: none"> <li>• Only the space creator can assign/revoke moderator role.</li> <li>• The user to be assigned moderator should be member of the space.</li> </ul>	Should Have

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maintained environment.	<ul style="list-style-type: none"> <li>Moderators should be separately marked in the space.</li> </ul>	
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### Actor – MODERATOR

As a moderator, I want to issue warnings to users so that I can maintain community standards.	<ul style="list-style-type: none"> <li>Moderators should be able to issue warnings through a user's profile or post.</li> <li>Warnings should include a predefined reason and optional custom message.</li> <li>Users should be notified of the warning and have the ability to respond or appeal.</li> </ul>	Should Have
As a moderator, I want to delete inappropriate posts so that I can keep the space safe and clean.	<ul style="list-style-type: none"> <li>Moderators should be able to delete any post in the community.</li> <li>Deleted posts should be logged, with reasons provided for deletion.</li> <li>The system should notify the post creator about the deletion and provide a link to community guidelines.</li> </ul>	Must Have
As a moderator, I want to ban users who violate rules so that I can protect the community.	<ul style="list-style-type: none"> <li>Moderators should have the ability to suspend a user permanently or temporarily from a space.</li> <li>The system should record the suspension, the reason and notify the user.</li> </ul>	Must Have
As a moderator, I want to be able to modify the space settings so that I can determine the format of content which can be uploaded on the space.	<ul style="list-style-type: none"> <li>Link should be from secure sites.</li> <li>Who can comment on posts.</li> <li>Determine type of posts the permitter users can make on the space.</li> </ul>	Should Have
As a space moderator, I want to temporarily mute users who are being disruptive in discussions, so that I	<ul style="list-style-type: none"> <li>The moderator can mute a user for a predefined period (e.g., 1 hour, 24 hours).</li> <li>Muted users cannot post or comment during the mute period but can still read content.</li> </ul>	Could Have

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can allow conversations to continue without further interruptions.		
As a moderator I want to review user appeals for ban or suspension so I can reconsider or revoke the actions if necessary.	<ul style="list-style-type: none"> <li>• System for user to submit appeals.</li> <li>• Moderator can review accept or reject appeals and provide a reason.</li> </ul>	Must Have

#### Actor – ADMINISTRATOR

As an admin, I want to view analytics to track platform activity and engagement so that I can improve user retention.	<ul style="list-style-type: none"> <li>• The system should display statistics on user activity, post engagement, and space growth.</li> <li>• Analytics should include filters for specific time periods and spaces.</li> <li>• Admins should be able to export analytics reports for further analysis.</li> </ul>	Must Have
As an admin, I want to manage sponsors so that I can facilitate funding and support for the platform.	<ul style="list-style-type: none"> <li>• Admins should be able to add, remove or edit sponsors.</li> <li>• The system should display sponsor logos or ads on specific pages or spaces.</li> <li>• Admins should be able to track engagement with sponsor content.</li> </ul>	Should Have
As an admin, I want to review reports and delete the accounts of users who violate community guidelines so that I can keep the platform healthy for informative discussions.	<ul style="list-style-type: none"> <li>• Admins should be able to permanently delete users, including their posts and comments.</li> <li>• Deletion should trigger a notification to the user and generate a log for future reference.</li> </ul>	Must Have
As an admin, I want to review new user account, so I can prevent bots and	<ul style="list-style-type: none"> <li>• Captcha to identify bots.</li> <li>• Automated flagging for suspicious activities.</li> </ul>	Could Have

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spammers from joining the forum.		
As an admin, I want to temporarily suspend a user's account for a specific time(suspend), so that I can prevent further violations without permanently banning the user.	<ul style="list-style-type: none"><li>• The admin can lock user accounts for predefined periods (e.g., 24 hours, 7 days).</li><li>• The system automatically unlocks the user's account after the set period.</li></ul>	Could Have