TeamStudy

# User Management:

* User Registration: Allow users to register.
* User Authentication: Implement secure authentication.
* Base Home Page: Display all workspaces of the user.
* User Profile Management:
  + Change profile picture, username, etc.

# Workspace Management:

* Create Workspace: Enable users to create workspaces.
* Join Workspace: Allow users to join existing workspaces.
* Workspace Settings and Permissions:
  + Different authority levels: Owner, Admin, Member.
* User Listing in Workspace:
  + CRUD operations for admins and owners.
* Upgrade to Premium Workspace.

# Payment:

* Workspace Upgrade: Implement payment for premium features.
* Payment Modes: Provide various payment options.

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# Channel Management:

* Create Channel: Allow users to create channels.
* Join Channel: Let users join channels.
* Manage Channel Settings and Permissions.

# Messaging:

* Sending/Receiving Messages in Channel.
* Direct Messages: Allow private conversations.
* Multimedia Support: Support multimedia messages.
* Threaded Messages: Enable message replies.
* Reactions: Users can react using emojis.
* Mentions: Mention other users using @.
* Assign task to user

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# Audio Call:

* One-on-One Calls.
* Group Calls.
* Manage Call Settings.

# Video Call:

* One-on-One Video Calls.
* Group Video Calls.
* Manage Call Settings.

# File Sharing:

* Send Files in Group.
* Send Files Personally.
* Manage File Permissions in Channel.

# Notification:

* Send Notifications for New Messages or Mentions.
* Manage Notification Settings.

# Search:

* Search Messages, Files, and Channels.

# Administration of the Application:

* User Management Systems:
  + User listing.
  + CRUD operations.
  + Handling reports and complaints.
* Tracking Workspaces:
  + Workspace listing.
  + CRUD operations.
* Support and Feedback.
* Premium, Payment Subscription (Billing).

# Features of Premium and Free Versions:

## Premium:

* + Group video calls in channels.
  + Group audio calls in channels.

## Free Version:

* + One-on-One video calls.
  + One-on-One audio calls.