

**Subject: Software Engineering**

**Subject code: IT632**

**Final Assignment - Deliverable Code : 03**

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**Topic: Zoom Video Conference Application**

User Stories

1. As a user, I want to be able to easily set up and manage my Zoom profile across different devices, so that I can access my account settings and meeting history from anywhere.
2. As a presenter, I want to be able to easily manage meeting participants and control their audio and video settings during a Zoom meeting, so that I can minimize distractions and keep the meeting on track.
3. As a participant, I want to be able to use the "raise hand" feature to ask questions or make comments during a Zoom meeting, so that I can participate in the discussion without interrupting the presenter or other participants.
4. As a user, I want to be able to easily navigate through different Zoom features and settings, so that I can quickly find the tools that I need to participate in or host a meeting.
5. As a presenter, I want to be able to use the Zoom webinar feature to host large-scale events with up to 10,000 participants, so that I can reach a wide audience and effectively communicate my message.
6. As a user, I want to be able to use the Zoom breakout rooms feature to divide meeting participants into smaller groups for discussions or activities, so that I can facilitate more focused and productive meetings.
7. As a user, I want to be able to use the Zoom whiteboard feature to collaboratively brainstorm ideas or take notes during a meeting, so that I can visually represent and organize information.
8. As a presenter, I want to be able to use the Zoom polling feature to gather feedback and opinions from meeting participants, so that I can improve the quality of the meeting content and engage with the audience.
9. As a user, I want to be able to easily switch between different Zoom meeting types, such as video calls, webinars, or virtual events, so that I can choose the most appropriate format for my specific meeting needs.
10. As a user, I want to be able to use the Zoom live transcription feature to automatically generate real-time captions during a meeting, so that I can more easily follow the discussion and accommodate users with hearing impairments.
11. As a user, I want to be able to easily integrate Zoom with other productivity and communication tools, such as Google Calendar or Slack, so that I can streamline my workflow and improve collaboration.

Project Schedule

1. Week 1: Planning and Research

* Identify project goals, objectives, and scope
* Research different Zoom features and their implementation
* Determine the project timeline, budget, and resources

1. Week 2-3: Zoom Profile Management

* Develop the user interface for Zoom profile management
* Implement Zoom API to enable account settings and meeting history access from different devices
* Conduct testing and debugging to ensure the feature is functional and user-friend

1. Week 4-5: Meeting Management

* Develop the user interface for meeting management and participant control
* Implement audio and video control features for presenters
* Develop the "raise hand" feature for participants
* Conduct testing and debugging to ensure the feature is functional and user-friendly

1. Week 6-7: Zoom Feature Navigation

* Develop a user-friendly interface for navigating different Zoom features and settings
* Conduct testing and debugging to ensure the feature is functional and user-friendly

1. Week 8-9: Zoom Webinar Feature

* Develop the user interface for hosting large-scale events with the Zoom webinar feature
* Implement the feature for up to 10,000 participants
* Conduct testing and debugging to ensure the feature is functional and user-friendly

1. Week 10-11: Breakout Rooms and Whiteboard Feature

* Develop the user interface for dividing meeting participants into smaller groups and brainstorming ideas with the whiteboard feature
* Implement the breakout rooms and whiteboard features
* Conduct testing and debugging to ensure the features are functional and user-friendly

1. Week 12-13: Polling and Meeting Type Switching Feature

* Develop the user interface for gathering feedback from meeting participants with the polling feature
* Implement the polling and meeting type switching features
* Conduct testing and debugging to ensure the features are functional and user-friendly

1. Week 14-15: Live Transcription and Integration Feature

* Develop the user interface for generating real-time captions during a meeting with the live transcription feature
* Implement the live transcription and integration features with other productivity and communication tools such as Google Calendar or Slack
* Conduct testing and debugging to ensure the features are functional and user-friendly

1. Week 16: Final Testing and Deployment

* Conduct final testing and debugging for all features
* Deploy the project to the production environment
* Conduct a final user acceptance test to ensure the project meets all the requirements and objectives.

Note: The project schedule may be subject to change based on the specific requirements, resources, and unforeseen challenges that may arise during the development process.