

Team Presentation Handout

Transforming Present IUTians into a Forum Platform

Speaker 1: Introduction & Organizational Assessment

Speaker 2: Analyst Role & Development Methodology

Speaker 3: Features, Technical Direction, and Next Steps

- We are presenting a redesign of 'Present IUTians', a Facebook group used by IUT students.
- Purpose: Share knowledge, solve doubts, and maintain social interaction.
- Current Problems:
 - - Posts buried by Facebook's algorithm.
 - - No categorization or advanced search.
 - - Repeated questions due to lack of structure.
 - - Limited control over features and UI.
 - - Discussions buried in comments.
 - - Distracting from relevant academic topics.
- Proposed Solution:
 - - Develop a Reddit-style platform tailored to IUT.
 - - Features: Threaded categories, voting, role-based access, email verification, push notifications.
- Systems Analyst Needed For:
 - - Understanding user needs.
 - - Designing architecture.
 - - Facilitating platform shift.
- Analyst Roles:
 - - Agent of Change: Leads transition from Facebook.
 - - Supporting Expert: Ensures tech feasibility.
- Methodology Chosen: Agile.
 - - Why: Supports rapid iteration, evolving needs, MVP development.
 - - Rejected: SDLC (too rigid), O-O (design-focused, not complete methodology).
- Key Features:
 - - Subforums by topic (Academics, Events, etc.).
 - - Voting system, saved threads, notifications.
 - - IUT email login, role-based access.
- Tech Stack:
 - - Frontend: React.
 - - Backend: Firebase/Supabase, Node.js.

- - Mobile: React Native or Flutter (for notifications).
- Next Steps:
- - Conduct surveys.
- - Build MVP with essential features.
- - Test and iterate via Agile sprints.
- Goal: Create a robust, student-first forum platform for IUTians.