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.