INFM 600 : TEAM 4, MIM FALL'22 - PROJECT PROPOSAL

'TManage'

TOPIC-1:

Q1. What is the information service you would like to create or reinvent?

We wish to create a mobile App "TManage" for effective time management by having a Unified view of the time commitments (professional as well as academic) for the student community serving as an indirect solution to academic distress

Q2. Why is this information service needed?

Based on all of our experiences, we discovered that students at all points have scattered to-do lists and calendar events logged across multiple devices and apps. Due to strict deadlines and overwhelming schedules, they constantly have to remain alert and rely on their own cerebral intelligence to avoid missing anything, resulting in mild to severe academic distress. It would be great if technology could intervene and make this time management process easy and stress-free.

Also, oftentimes, when we need to schedule a meeting with someone, we refer to our multiple calendars, deadlines, other pending to-do lists and then are able to decide a suitable timing to have the meeting. This takes a while. We wish this app to work as a smart meeting scheduler which not only suggest meeting slots based on upcoming deadlines and schedules but also based on our routine patterns.

Q3. What is the specific setting in which the information service will be provided and used?

The app will be available for students who are Android users for the time-being, and we could venture into multiple spaces in the future to support all available platforms.

Q4. What are the expected functions and utilities of this information service?

The app will have the following features and functionalities -

- It will sync and merge multiple calendars(Google, email invites) and pick the deadlines from the elms to create a Unified calendar as well as a reference point for the students. Students can also see their already formed groups with in the courses(by the Professor and other Teaching staff). Moreover, they would be able to form new groups(Interest groups) within their class or overall cohort.
- Students would also be able to feed their additional adhoc events/meeting timings(career fair events, team meetings, classes schedules by naming the events appropriately) in the TManage app and the same will seamlessly get

synced in the existing calendar. {Validation: If the user tries to add an overlapping event, the Tmanage will prompt for confirmation before making a final save maintaining the data integrity. Moreover, it will ask the user to set the priorities of the events}

- Whenever there is a need to schedule a meeting (for an interest group or for a group study/Others), students can simply enter the kind of meeting slot and length of the meeting and the app will suggest the most suitable slots.
- Potential Enhancement: Students will be able to integrate the app with their smart google wearables as well as other apps they use for travel shopping and laundry etc to feed their health and routine data to allow the app to map the specific time patterns of the user in the database in order to serve with the previous pointer more efficiently.

Q5. Team work plan: Who is going to do what by when?

The tentative schedule for delivery of individual tasks is as follows

Name	**Work entrusted**	**Timeline**
Ritika	PPT, Coded Prototype	November 25, 2022
Sravya	A sample Coded Prototype	November 20, 2022
Steicy	Android UI Designs	November 5, 2022
Amit	Android UI Designs	November 5, 2022
Animesh	PPT, Android UI Designs	November 25, 2022
Pranav	PRD document, PPT	20th october, 2022
Usha	ER, DFD, PRD Document	20th october, 2022

Q6. Other relevant thoughts, information, or questions -

Since we aim to have our app work as a centralized solution for students to be able to manage all academic and other engagements, we might need to feed/auto-sync a lot of supporting data in our app which is originally stored and collected via other apps. We plan to implement a seamless data syncing between several relevant apps to make our TManage app work at its full potential. But, we understand, to be able to do so, we might need third party

permissions and APIs which we may/may not be able to easily get. We will have better clarity as we proceed further in our research and analysis.