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Applied Computing 2nd Year – Cloud & Network

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# Product Vision:

## What is the product for?

We aim to centralise all the digital WIT services into one platform that is easily accessible.

## Who is the product for?

Our product is intended to cater for students and faculty alike. It is expected that this would make the WIT services more intuitive and cohesive.

## What is the product called?

Woodle is an all-in-one communications app specifically for WIT students to enhance and simplify their college experience.

## What does the product do?

Woodle supplies students and faculty alike with easy access to many college facilities including notes & assignments, communications, timetables, and zoom lectures/recordings.

The aim is to integrate the spread across platforms such as Teams, Moodle, Slack, Discord, etc. in order to eliminate the need for students to keep track of multiple forms of communication with their lecturers.

## How is our product different?

Our product aims to be different from competitors such as Slack, Teams, Discord, by integrating all communications into one app. Students’ contacts will be automatically updated in relation to their course, and will have the ability to message classmates and lecturers directly in the app. It will also have other features unlike other apps, such as automatic timetable generation using WITs own timetable system.

## What does our product offer?

Our product offers greater functionality and easier access to a wide range of college facilities.

# Initial Features List:

* Student communication, allowing students to communicate with each other on a one-to-one basis, as well as on a group basis.
* Faculty communication, allowing faculty to communicate with each other and with students, on a one-to-one and one-to-many basis.
* Access to material for each module (Either directly incorporate Moodle or replace it.)
* Access to course material on a per module basis. (There are two potential solutions, either directly incorporate Moodle, or outright replace it with a more modern system.)
* Timetable system, per group basis, as opposed to per course basis. Ability to request a change should enough people agree.
* Flexible timetable solution, allow lecturers to choose from available rooms and time slots. Also allow students to choose their individual stream to filter out other related streams in their course from their view. Include the ability for students to request a timetable change should it be inconvenient for the majority.
* Video conferencing solution that integrates the timetable, and automatically begins recording lectures in the designated room. (Alternatively integrate Zoom and its calendar system).
* User-friendly UI, designed to allow all students and faculty alike to navigate the app seamlessly.

# Scenarios:

A one-for-all communication app has been needed in WIT for a long time. There have been many times that students are confused as to where they can communicate with their lecturers, as almost everyone chooses something of their own preference. Whether it's email, Teams or Slack. Our product aims to bring all these different apps into one app, for a standardised app.

Exam season is stressful, especially during studying. Students missing notes, or needing help with questions, often don’t know where to reach out to their classmates. Of course, there’s apps like Discord to speak with people, but if you don’t know another students’ social media accounts, it can be hard to reach out to them. Students of WIT need an optimised app to reach out to lecturers, as well as one another, which is what Woodle brings.

Group projects need an app to be able to collaborate, communicate and co-operate efficiently, and currently there is no app in WIT that allows students to do so. Woodle brings an easy, user friendly experience to be able to do so. **Work in progress….**