

# UMPCARE COUNSELLING SYSTEM USING IONIC ANGULAR

INVENTOR: MUHAMMAD UMAR BIN AB AZIZ  
SUPERVISOR: DR JUNAIDA BINTI SULAIMAN  
FACULTY: FACULTY OF COMPUTING  
UNIVERSITY: UNIVERSITI MALAYSIA PAHANG  
EMAIL: muhd.umar699@gmail.com



## Product Background

- Counselling Unit is an organization that can provide support to the problematic student.
- They will guide these students to identify their problem and find a way to solve them.
- They have provided several types of service for the student such as deliver counselling session and career advice.
- P1 and P2 student is required to get consultation from the counsellor

## Product Objective

- To provide multi-platform application of counselling system for the counsellor, student and faculty staff .
- To help the counsellor and reduce their burden where they need to manage the process of counselling.
- To improve the interaction between the counsellor, student and faculty staff in UMP.

## Comparison between UMPCare and e-Kaunseling

System Name	e-Kaunseling	UMPCare
Web-based	Yes	Yes
Mobile app	No	Yes
Feature	<ul style="list-style-type: none"> <li>• Counselling appointment and issue</li> </ul>	<ul style="list-style-type: none"> <li>• Counselling appointment and issue</li> <li>• Attendance</li> <li>• Faculty Report</li> <li>• Student and Counsellor Information</li> </ul>
Meeting style	Face-to-face or Online	Face-to-face or Online

## Benefits

- Capable help counsellor, student and faculty staff to manage and monitor counselling process
- Available in web, Android and IOS smartphone

## Problem Statement

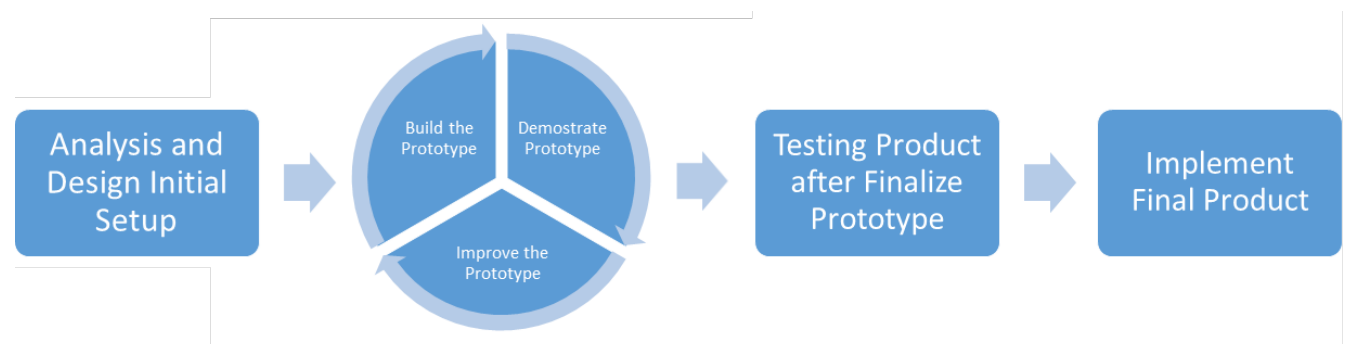
- Currently, counselling process is done by using e-Kaunseling which is optimized on desktop and laptop.
- Lack of mobile application can delay the student from check the information as they constantly moving around especially during class period.
- For P1 and P2 students, they need to inform the faculty personally every time they conduct a counselling with the counsellor.
- It is hard to monitor the progress of those student.

## Product Image and Results

The screenshots show the following components:

- Login:** A login form with fields for Email, Password, and Role (Student, Counsellor, Faculty).
- Appointment:** A dashboard with a 'NEW APPOINTMENT' button and tables for 'Approved Appointment', 'Not Approved Yet', and 'Attended Appointment'. Each table lists Email, Counsellor Name, Date, and Time.
- Report:** A 'Faculty Report' section with a 'CHECK' button, a table showing counts for Attend (2), Approved (1), Unapproved (1), and Absent (0), and a 'Faculty Appointment Chart' (donut chart).

## Methodology



## Conclusion

- UMPCare is an online counselling system developed to help the student and counsellor to manage their counselling process.
- Faculty academic unit staff can monitor the counselling progress of student under their faculty.
- This product can increase the efficiency of the counselling unit in UMP.