



# INTERNSHIP PROGRAM 2023

## PROJECT REPORT

<Android App Development>

<Cloud Counselage Chatbot >

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## 1 PROJECT DETAILS

<b>Project Name</b>	Cloud Counselage Chatbot		
<b>Project Sponsor</b>			
<b>Project Manager</b>	Harshada Topale		
<b>Start Date</b>	20-08-23	<b>Completion Date</b>	24-08-23

## 2 SUMMARY

Android App development has seen great growth over the years with millions of applications available on the Google Play store. This project is specifically done for Cloud Counselage Pvt Ltd. For solving their users frequently questions about the company. As the number of users is increasing tremendously managing all this manually will not work. So, building a user-friendly application that user can use to help themselves for solving and knowing more about the Cloud Counselage Pvt Ltd. Company. A chatbot is one of the best options for question answer queries. This project aims at building a chatbot application which is user-friendly, offers cost-effective solution.

## 3 INTRODUCTION

### 3.1 Background

Android App development has seen exponential growth over the years with millions of applications available on the Google Play store. The demand for hybrid applications, like the one required for Cloud Counselage Pvt. Ltd, has been steadily increasing due to their cross-platform compatibility and cost-effectiveness, making them a popular choice for businesses seeking wider user reach and reduced development time and expenses.

### 3.2 Stakeholders

Cloud Counselage Pvt. Ltd : As this app is specifically made for their users. The company is one of our main stakeholders.

Actual Users: The cloud counselage's audience is our actual audience as they are going to use the app on daily basis.

### 3.3 Objectives

Design a Hybrid Application for Cloud Counselage Pvt. Ltd. Which includes the following features.

1. Splash Screen/ Introductory Screen of the company
2. Login and Signup Page using the email address and any 2 social media platforms
  - a. The fields for the login page-Email address, Password and Login Button.
  - b. The fields for the sign-up page- Profile picture(optional), User name, email address, password, re-type password, sign up button.
  - c. The database should be linked to firebase
  - d. An appropriate toast must be thrown.
  - e. Fields should throw an appropriate alert on incomplete or incorrect details. It should check if format of the details is appropriate.
3. Implement a chat-bot on the home page that tells the basic information about the company to the user that has logged in.

## 4 METHODOLOGY

These conventions are all about the positions of line breaks, how many characters should go on a line, and everything in between.

### 4.1 Considerations & Assumption

Assumption: The FAQs provided as a resource is correct and not irrelevant

### 4.2 Approach

Waterfall Approach has been used to complete the project. As my one stage of work was completely dependent on the previous stage and I used to complete all work of current stage together before moving to next stage. Following are the stage that has been used to complete the project:

1. Understanding the Problem: Here I study about the problem statement and similar existing projects
2. Planning and Design: In this phase I made the all the Planning of how to execute the implementation and complete the work. Also in this stage, I made the all system design such as activity diagram, system work flow,etc.
3. Testing and Evaluation: In this stage the actual implementation is done and after the completion of the implementation the testing is performed on the system to check the working condition of the system and if there is any bug or not.

### 4.3 Activities

1. Requirement Elicitation Questionnaire
2. Work Break Structure
3. Project Schedule
4. RAID Log
5. Lesson Learnt Log
6. Software Design Specification
7. Testing Plan
8. Traceability Matrix

## 5 TARGETTED V/S ACHIEVED OUTPUT

I have achieved 90-95 % of the targeted output. No new implementation has been done.

## 6 CONCLUSION

The system will be useful for the user to easy interaction with the system and able to solve their queries. The system will be useful for the Cloud Counselage company as the solution is cost effective and will definitely help to engage their audience. Future scope for this project Is currently the system uses static chatbot that is it only gives response for predefined question and answer but in future we can work more on chatbot to work dynamically.