**GROUP PROJECT PROPOSAL**

## GROUP MEMBER

## Requirement Specification – Varun

## Design Docs - Tejam

## Implementation- Abdul Rehman

## Testing - Sravan

## INTRODUCTION

Hush Android chat app, which is a chat application used for personal and office purposes. It will help to chat with friends and office colleagues. Mainly, it will help people who want to hide their conversation. Languages that have been used are Java and Kotlin, developed in Android.

## OBJECTIVES AND FUNCTIONALITY

The main goal of Hush is a secure messaging app featuring end-to-end encryption as well as the ability to encrypt your messages so no one can read them. You can safely text a friend or family member your personal details like banking info, phone numbers, and health information, and much more

* Sign in or Sign up using phone number
* One to One chat
* FireBase Real Time Chat Integration
* Sent/Delivered Indication
* Group chat
* Status Updating Feature
* Encrypt and decrypt messages
* Beautiful Material Design
* Sweet and Clean animations
* Image Sharing
* User Guide

## SCOPE

Hush is an Android partner for individual medicine management, focused on individuals who have trouble following their prescription routine, neglect to consume their medications, or have complex timetables that are hard to recollect. It is developed in a Java environment; we will be testing the following option available on the application.

* Dashboard
* Chat
* Profile
* Contacts
* Settings.

## HARDWARE REQUIREMENTS

* Cell Phone supported Android version is 5.1, Jellybean and above version of Android, or
* It can also work on **Microsoft Windows**® 7/8/10 (64-bit) with Android studio with 4GB RAM minimum, 8GB RAM recommended.

## ENVIRONMENT REQUIREMENTS

* Android Studio
* Android SDK Tools
* Android Virtual Device
* Windows 7/8/10 or Android Cell Phone with Android V.4 or higher with 4 GB or 8 GB(Recommended)