USERS MANUAL

ANDROID CONSULTATION APPLICATION

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USER'S MANUAL

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1.0 GENERAL INFORMATION

1.1 System Overview

This application will help to promote a hassle-free online system for both students and the faculty of the Computer Engineering Program. For the students, it would be an efficient way to schedule an appointment with the usage of an online application since most of the students already use smartphones and they can access the internet using campus Wi-Fi. For the professionals, it would be also easy for them to know the student's profile and the consultation time will happen that the required number of hours allotted will be utilized for a consultation appointment only.

Since this system is online-based, PHP will act as the database of the application. PHP is commonly used Open source scripting language with a syntax of Java. It will be used for collecting, storing, and disseminating data in the form of information through the entire program.

1.2 Project References

➢ Android Studio
➢ PHP
➢ Java

1.3 Acronyms and Abbreviations

➢ Android Studio   – is the official integrated development environment (IDE) for Android application development.
➢ PHP   – is a powerful scripting language designed to enable developers to create highly featured Web applications quickly.
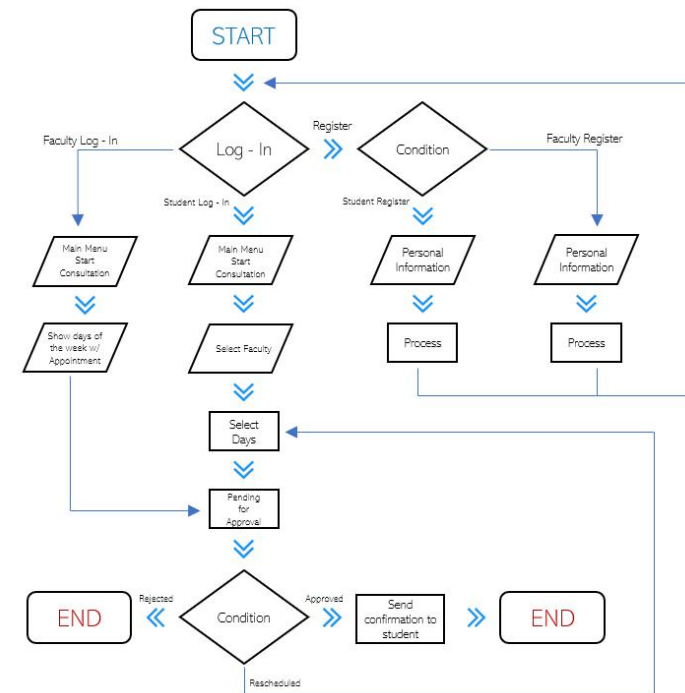➢ Java - Java is a high-level programming language developed by Sun Microsystems.

2.0   System Summary

2.1 System Configuration

Student Reservation System operates on mobile devices particularly on Android operating system. The application requires Internet connection to save data to database and internal GPS receiver to obtain information from students to professors and vice versa. After installation on the device, the app can be used automatically without any further configuration.

2.2 Data Flow

The overall process of this android application is the interconnectivity of the faculty and university students through the android application, respectively. The flow starts with the main page which asks for the login credentials of either the student or the faculty, registration is empowered for its continuation, which is also available from the main page.

2.3 User Access Level

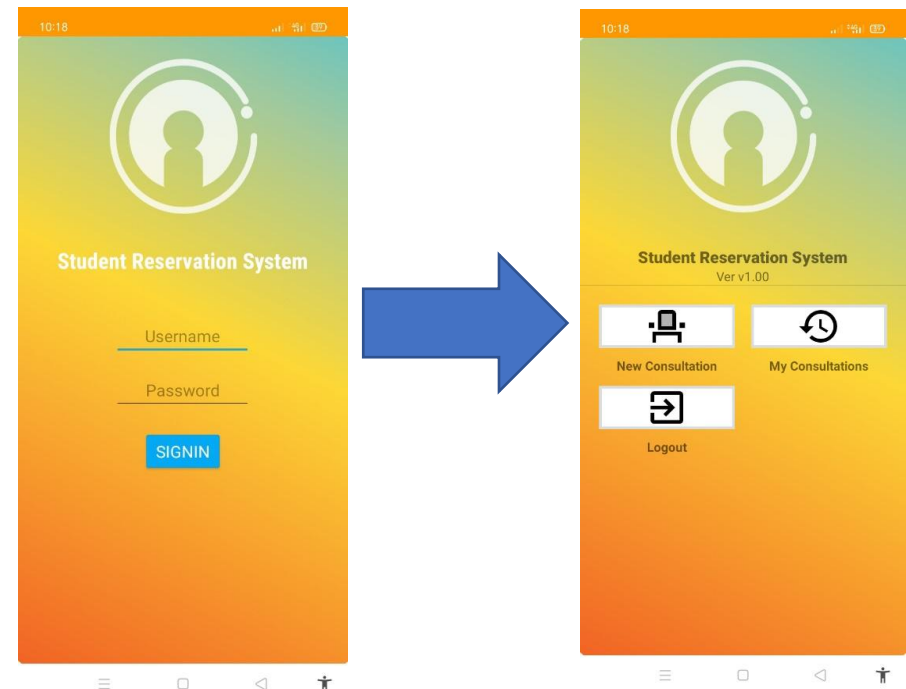   The primary user which is the admin, can only add and modify data and information.

2.4 Contingencies

    The student reservation system cannot be accessed without any internet connection. The app also works only for android devices and not suitable for IOS.
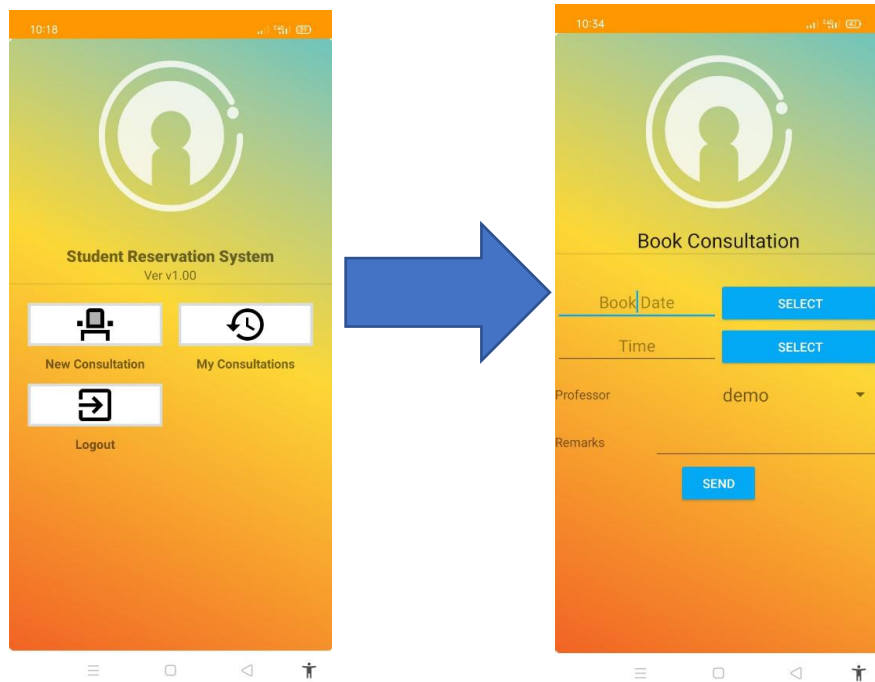
3.0 Getting Started

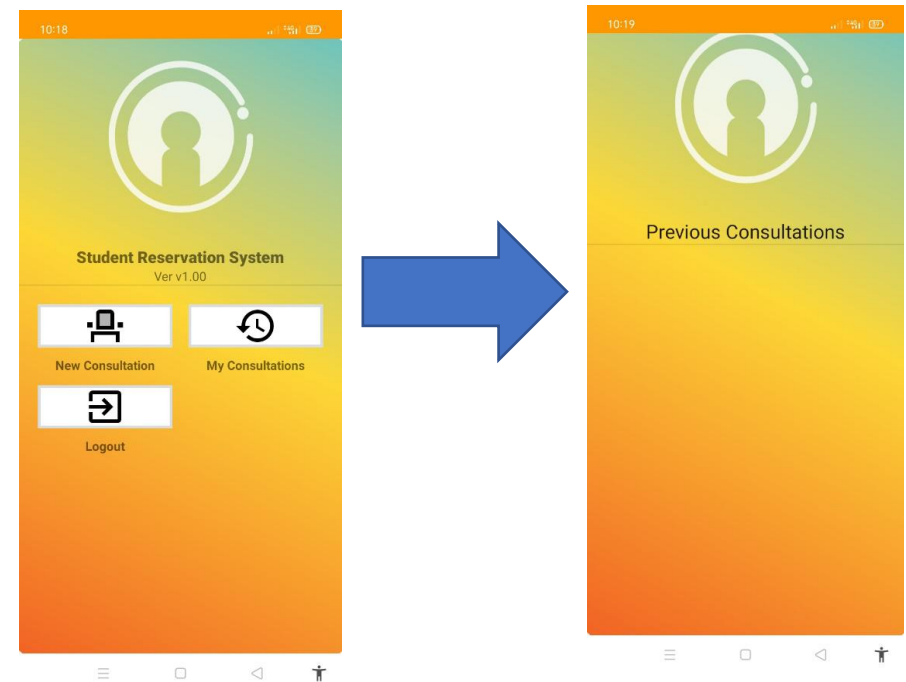**3.1 Logging in as a student**

    Sign-in using a registered username and password.

By clicking "New consultation", select the appropriate time and date, professor, and remarks. After filling up, click the send button.
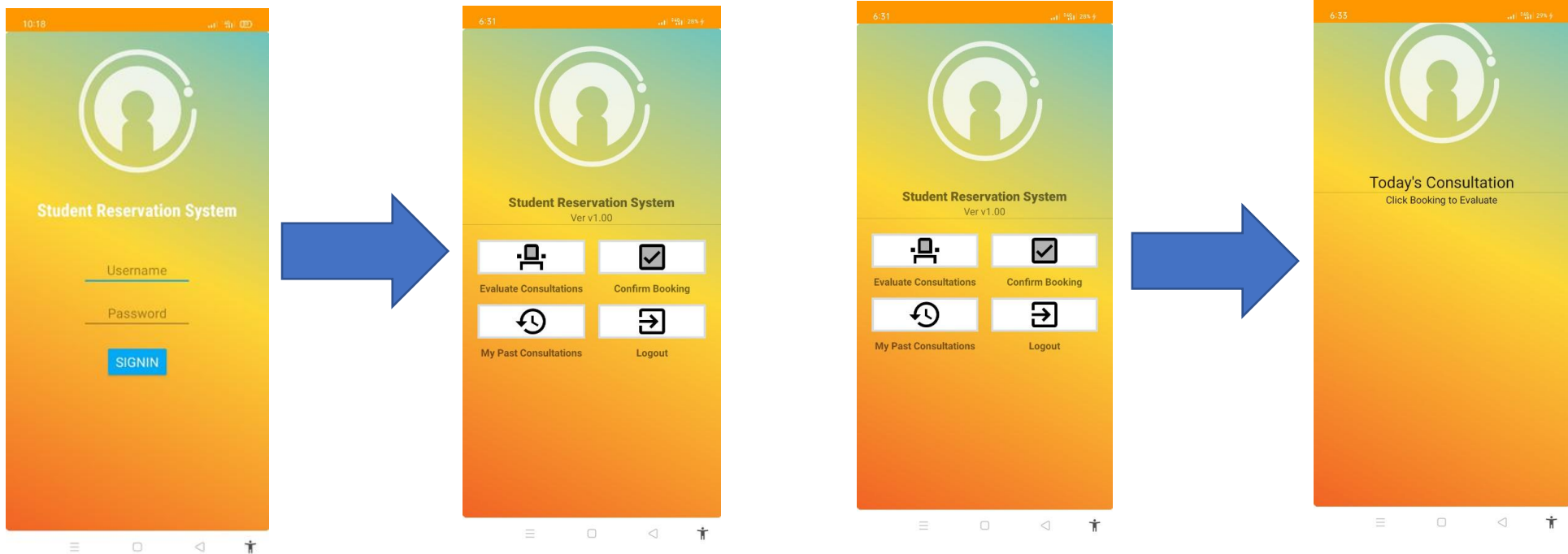
By clicking "My Consultations", students can view on-going or previous schedule.

3.2 Logging in as a Professor

Sign-in using the registered username and password.

By clicking "Evaluate Consultations", you can see consultations reserved by the students. There you can give any feedback to the student's request.

By clicking "Confirm Booking", the professor can view all bookings. The said user should tap the "booking no." for confirmation or to turn down and can put any remarks regarding the schedule, etc.

By clicking "My Past Consultations", professors can view history of previous consultations.