**Android General Knowledge Chatbot**

**Abstract:**

An Android Chatbot is build using algorithm that analyzes user’s queries and understand user’s message. This System provides answers to the queries of the Users. User just have to enter his query and the system analyzes the key words and answers the query. The user can ask questions about the different categories like sports, education, health, etc. The system will compute the question with highly optimize algorithm and respond to the user.

If the answer is correct then user can send feedback by either liking the answer or by the sending feedback and if the answer is incorrect then system will provide option to search on Google. The Admin can view user’s feedback and it’s like and dislike on different questions. System allows admin to manage all the users and questions.

1. **Admin Login:** Need to enter login credentials into web interface by the admin or the authorized person.
   * **Add/View Questions:** Can add a new question into the system and also can view it along with it’s like and dislike.
   * **View Users:**  Can view all the users list who are registered with system.
   * **View Feedback:** Can view all the users feedback with there Email Id and date time.
2. **User Login:** Here, user need to enter the login credentials into android app for login and if He/she does not have login credential they need to **Sign Up** first.
   * **View Profile:** Here, user can view their own profile.
   * **Ask Question:**  Here, user can ask questions directly with system and if answer is found then user can like or dislike the answer. Or if answer is not found then user can get option to search on Google.
   * **Send Feedback:** Here, User can send their feedback to admin.

**Front End:** Android

**Backend:** ASP.net with C#

**Hardware Requirement:**

* i3 Processor Based Computer
* 1GB-RAM
* 80 GB Hard Disk
* Monitor
* Internet Connection
* Android Device

**Software Requirement:**

* Windows 7 or higher
* Android Studio
* SQL Server 2008

**Advantages:**

* Chat bot for answering the user’s query in fastest way.
* This application saves time for the users to get all answer at one place.

**Disadvantages:**

* Requires active internet connection.
* System may provide inaccurate results if data not entered properly.

**Applications:**

* The system can be used for schools, college, or universities as a smart assistance.