**CHAPTER 8**

**SYSTEM IMPLEMENTATION**

The system is been implemented as follows:

**8.1 COLLEGE MANAGEMNT CREATION:**

It is handy to create a college management in the recast framework in which it prompts for a simple login with the mail id and the password credentials, on verification of the mail id, it allows the user to create forms on the framework.

**8.2 COLLEGE MANAGEMENT APPLICATION CREATION**

To create an App, first you need to have forms including various fields .The forms include student and faculty login pages. The forms must have database connections to access the form pages. The database are stored. Finally the things that are needed can be selected by the user and college management application is created.

**8.3 CREATING FORMS**

The first step is to forms is that collect the data to include all the fields. Next create the student login page which includes the fields like Name, DOB, Department, Address, Events. Next create the faculty login page which includes Name, DOB, Subject, and Department

**8.4 BUILDING THE APPLICATION**

The college management application which student and faculty details are created, and the database connections are provided to the forms .The application are done in the visual basic as front end .finally it is converted into a desktop application. This application are securely shared to web browser and deployed into the cloud.

**8.4.1 CREATING TRIGGERS**

Trigger creation forms the main part in which the intents that are created or forked can be invoked in this tab. The triggers can be made to perform the actions such as creating the corresponding action when the intent is present or not present or missing. The default will be present and this can be altered based on the condition required. The actions will be triggered only based on this condition.

**8.4.2 REQUIREMENTS**

The requirements tab allows the user to perform the relevant tasks that are been pertained based on the condition given on the trigger tab. Generally, the requirements are been specified in special cases if not required then it can be omitted.

**8.4.3ACTIONS**

The actions are been generally performed with the creation of entities. The entities are the data bucket that is used to store the values. The entities are been used to map the keywords with the intent and it is been made to give the response for the user’s queries. In this actions tab, the way by which the bot responds to the query will be given. It can be added with text, buttons, images, animated GIFs, quick replies, cards, links and fallbacks.

All these contribute to the desktop application

**8.5 APPLICATION CONNECTING**

First, you must establish a remote connection to the instance to install and configure your applications.

* Connect to the image builder
* Download the application to your image builder instance
* Install the applications

**8.6 APPLICATION HOSTING**

* AWS currently hosts services in 18 different geographical areas.
* With the help of AppStream 2.0 web service in AWS the application can be hosted

**7.7 APPLICATION ANALTICS**

The desktop application called college management is created and securely shared to web browser and without the server the database are stored into a cloud and get deployed. The process are analyzed and created a successful application.