ALGORITHM FOR CELEBRATION PLANNER:

Set No\_Of\_Responses = 0

Create an empty data base Responses

Get No\_Of\_contacts from Phone Book

Get Contact\_names from Contacts and store in Contacts data base

Create a Class Hotels containing top hotel names in the city and their website links

Create a Class Chat\_shops containing top chat shop names in the city and their website links

Create a Class Cake\_Shops with Top Cake shop names

Create a Class Cards with 10 gift Card templates

Create a class Gift with 10 Online Shopping website links

Create an empty data base Special\_wishes

APP FIRST PAGE:

Display “CELEBRATION PLANNER” for 5 seconds

Main page:

Step 1: Button view – Add a Special day!

On click - goto – Special\_day

Step 2: Button View – Give a treat!

On click- goto- TREAT

Step 3: Button View- Celebrate!

On click- goto- CELEBRATE

Step 4: Button View- Wish!

On click- goto- WISH

Step 5: Button View- Store some special wishes

On click- goto- SPECIAL

Special\_day:

Step -1 : Get name using Text Field

Step -2: Get Type of Day using DropDown List

Step-3: Get Date using Drop Down List / Text fields

Step-4: Get Reminder message using TextField

Step-5: Get Date and Time ( at which reminder alarm should sound) using TextField

Step-6: ButtonView - SAVE

On Click – Save responses from step 1 to step 6 in responses data base

\_ Increment No\_of\_Responses

Alarm:

Step -1 : Go to Calendar

Step -2: Get Today\_date

Step -3: for i=0 to i<No\_of\_responses

Do

If(responses[i] == Today\_Date)

Then,

Step A : Sound Alarm

Step B: Display responses[i].reminder\_message

Step I: Button View – Decline

On Click : Go to Normal\_mobile\_display

Step II: Button View- Start Planning

On Click: Go to Main Page

Step III: Button View- Remind later

On Click: Wait for 2 hours then go to Alarm

TREAT:

Step 1: Get Type\_of\_treat using Drop Down List

Step 2: Choose no.of people to attend to attend using text field

Step 3: Get name

Step 3.1: for i=0 i<No\_of\_contacts

Do

If(name == contacts[i])

Display ButtonView CALL / MESSAGE

Move to corresponding app depending on the response

Step 4: Get Budget Per Head using Drop Down List

Step 5: using the responses from steps 1,2,4 Sort the class Hotels / Chat\_shops and display top 5 suitable places

CELEBRATE:

Step 1: Display buttonView Order a Cake

On click: Display the contents of class Cake\_Shops

Step 2: Display buttonView Buy a Gift

On Click: Display the contents of class Gift.

WISH:

Step 1: Get Mode of wish from a Drop Down List

Step 2: Depending on the response from step 1 go to corresponding app

Step 3: Get “greeting\_card?” through radio button

If (greeting\_card == true)

Then go to Class Cards.

Store image= selected image

ButtonView – SEND

On Click: get Mail\_Id

Go to gmail app

Send the image to Mail\_id

SPECIAL:

Step 1: Button View – Store

On click: Get info about special wish using Text Field

Save the response in Special\_wishes data base

Step 2: Button View- Show

On click: open Special\_wishes database