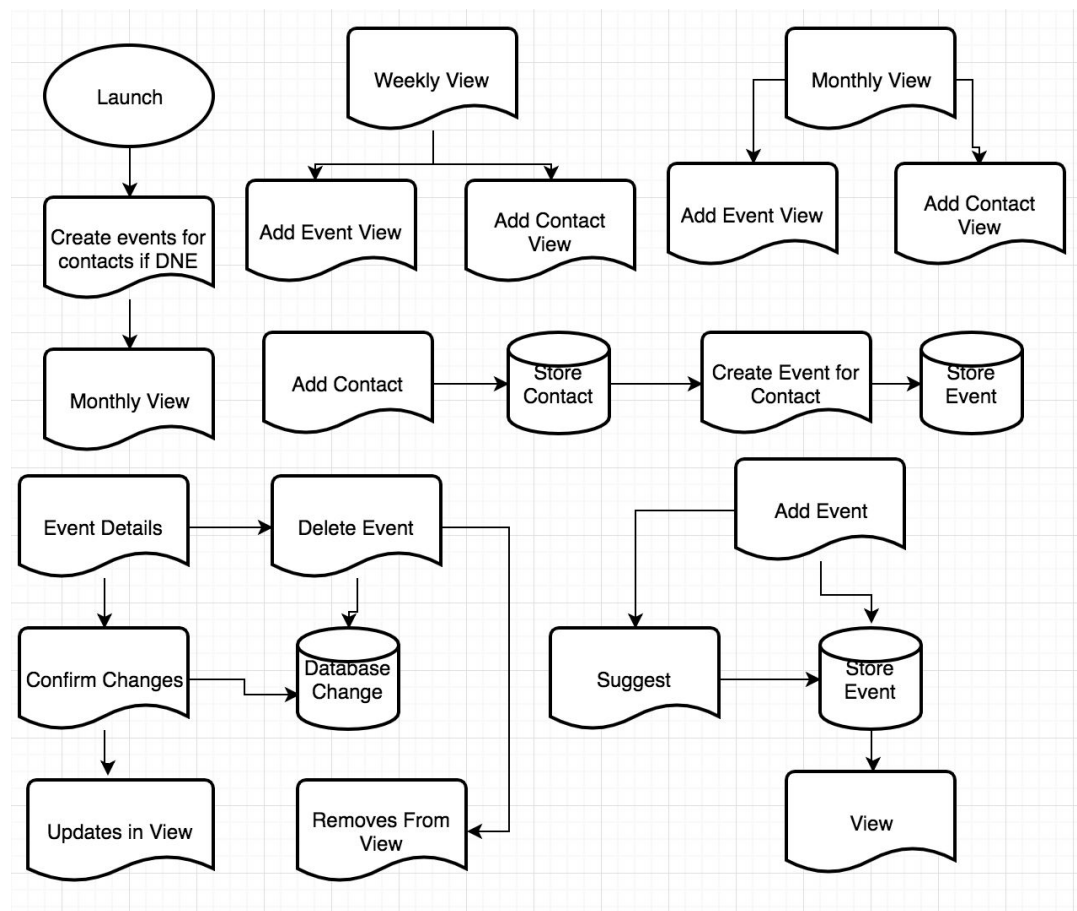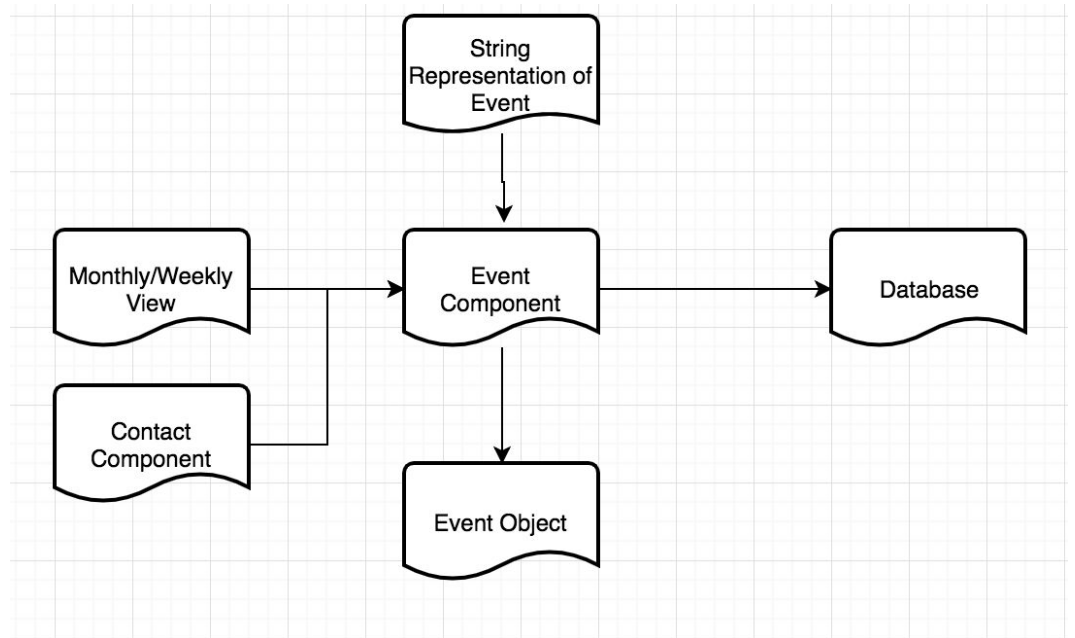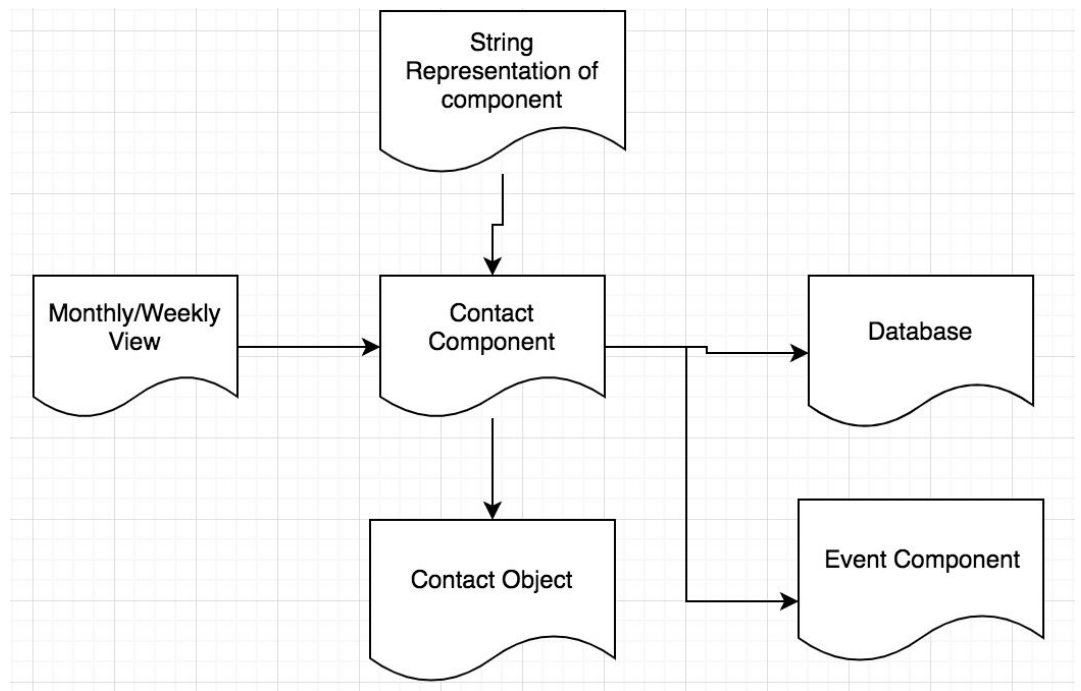1. Classification of Components

   a.
   b. Database Component
   c. Monthly/Weekly View Components
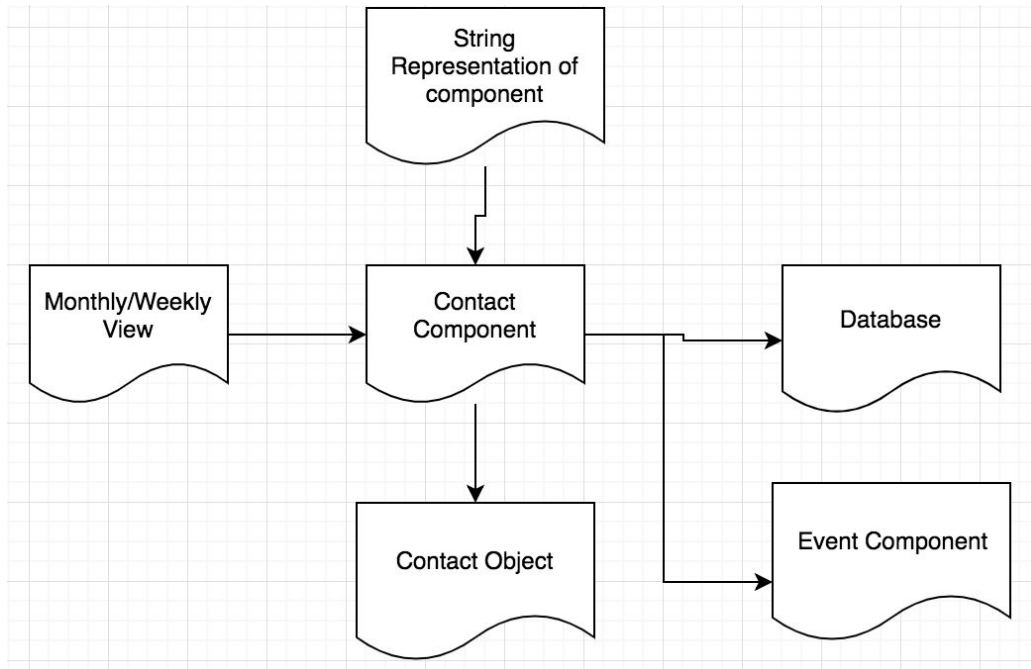   d. Event Component

i.

e. Contact Component

i.

f. Pop-Up Components
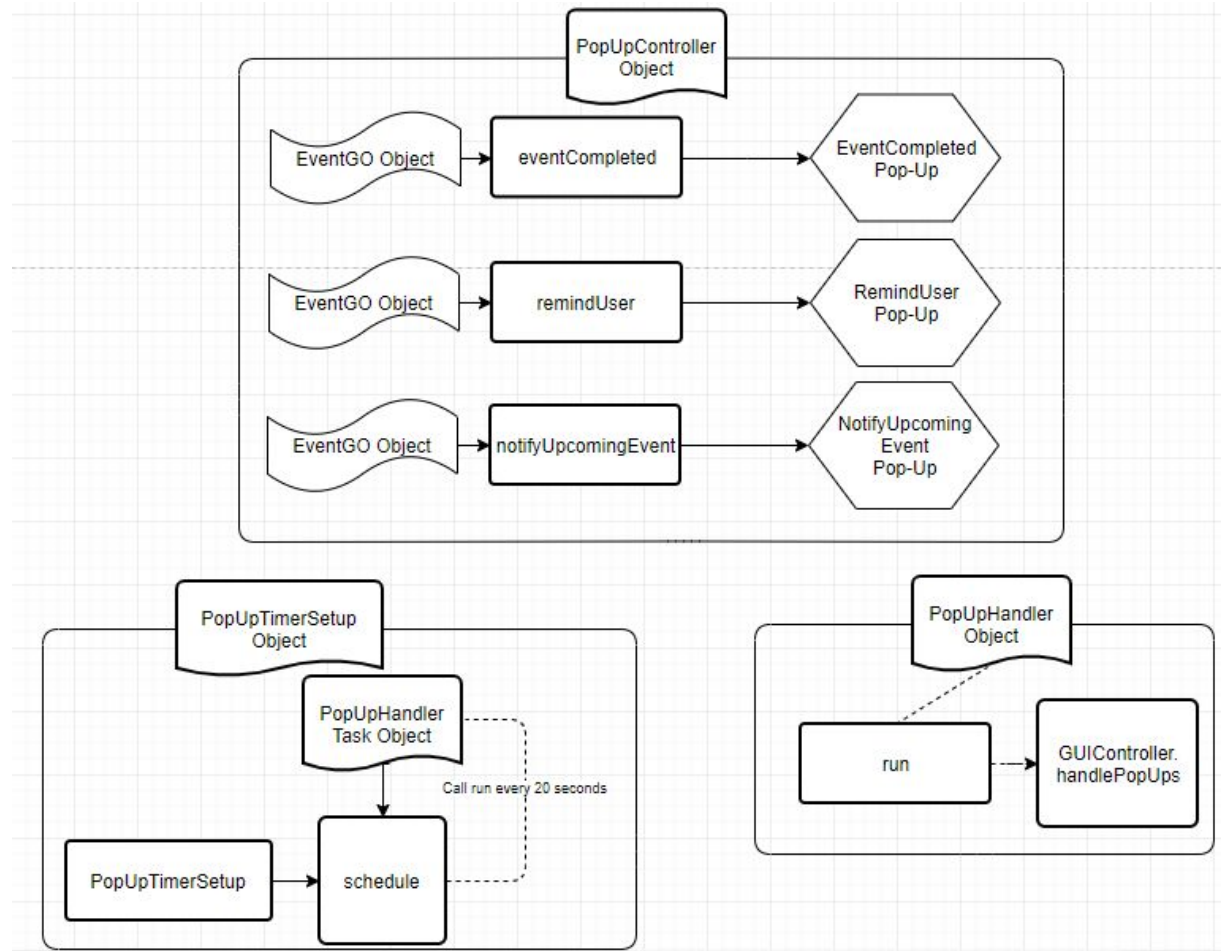
g. TopDown vs. BottomUp
    i. We decided to do bottom up testing for our project. We had completed the I/O of the database and corresponding controllers but we had not yet completed our UI so it made more sense to do bottom up while UI was still in development.
2. Incremental Testing

Module	Contact Component

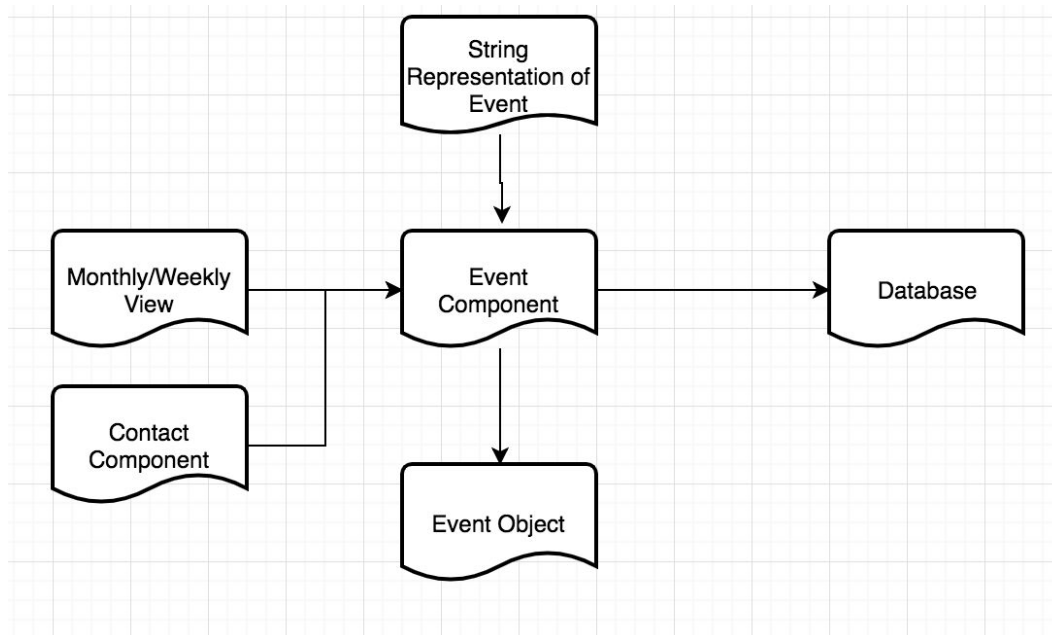## Incremental Testing

Defect #	Description	Severity	How Corrected
1	Contact component does not close after adding contact.	3	Close dialog after adding contact successfully.
2	When deleting contact from directory, it deletes all the events from the database that contact a specific person. Regardless of what user.	1	Only delete events accessible by the current user.
3	New event created does not immediately pop up on the view	2	Update the list of events and the view to include the new event created
4	Index out of bounds exception for checking if a contact event already exists crashes app.	1	If the length is out of the range do not do it.
5	Duplicate contacts can be	2	Do not allow duplicate contacts to

	created		be created.
6	Removing a contact does not remove the event reminders in the calendar view	2	When a contact is deleted remove all occurence of this contact reminder from the vent list

Regression Testing

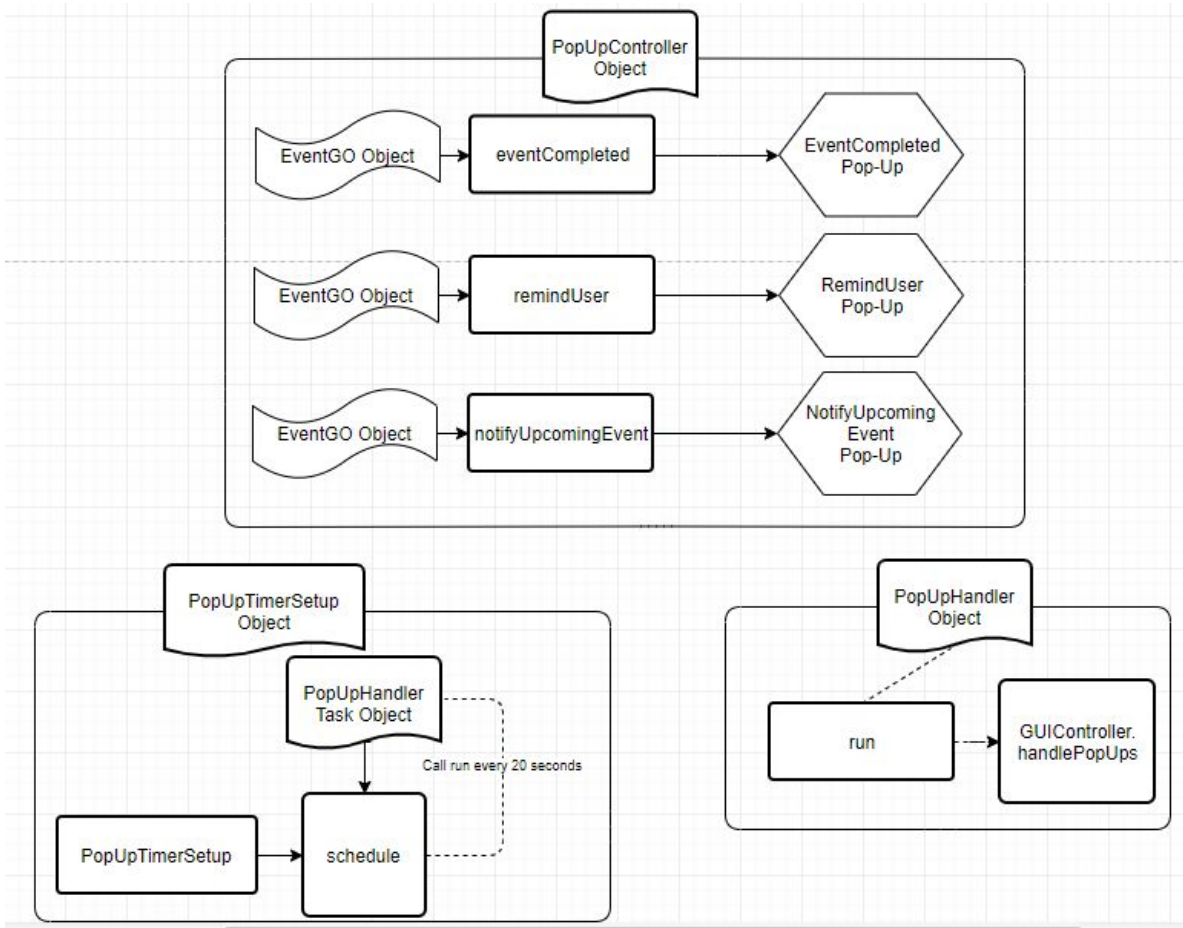| Defect #	Description	Severity	How Corrected
1	Contact component blocks view component	3	Close Contact component after successful operation
2	Deleting contact deletes all related events for every user.	1	Limit access of user deleting abilities.
3	Adding the event for the contact to the calendar updates the event list.	2	Update the view to demonstrate the addition of the list.
4	When removing a contact the event list is updated to get rid of the reminders to contact. The View does not update correctly	2	Update the View with the new event list;

Module	Event Component

Incremental Testing

Defect #	Description	Severity	How Corrected
1	Contact component does not close after adding contact.	3	Close dialog after adding contact successfully.
2	When deleting contact from directory, it deletes all the events from the database that contact a specific person. Regardless of what user.	1	Only delete events accessible by the current user.
3	New event created does not immediately pop up on the view	2	Update the list of events and the view to include the new event created
4	Index out of bounds exception for checking if a contact event already exists crashes app.	1	If the length is out of the range do not do it.
5	Duplicate contacts can be created	2	Do not allow duplicate contacts to be created.
6	Removing a contact does not remove the event reminders in the calendar view	2	When a contact is deleted remove all occurence of this contact reminder from the vent list
7	Suggest Feature was adding events before the current time period.	2	Have it only give times as suggestions that are after the current time.

Regression Testing

Defect #	Description	Severity	How Corrected
1	Contact component blocks view component	3	Close Contact component after successful operation
2	Deleting contact deletes all related events for every user.	1	Limit access of user deleting abilities.

3	Adding the event for the contact to the calendar updates the event list.	2	Update the view to demonstrate the addition of the list.
4	When removing a contact the event list is updated to get rid of the reminders to contact. The View does not update correctly	2	Update the View with the new event list;

Module	Pop-Up Components

Incremental Testing

Defect #	Description	Severity	How Corrected
1		3	

2		1	
3		2	
4		2	

Regression Testing

Defect #	Description	Severity	How Corrected
1	Contact component blocks view component	3	Close Contact component after successful operation
2	Deleting contact deletes all related events for every user.	1	Limit access of user deleting abilities.
3	Adding the event for the contact to the calendar updates the event list.	2	Update the view to demonstrate the addition of the list.
4	When removing a contact the event list is updated to get rid of the reminders to contact. The View does not update correctly	2	Update the View with the new event list;