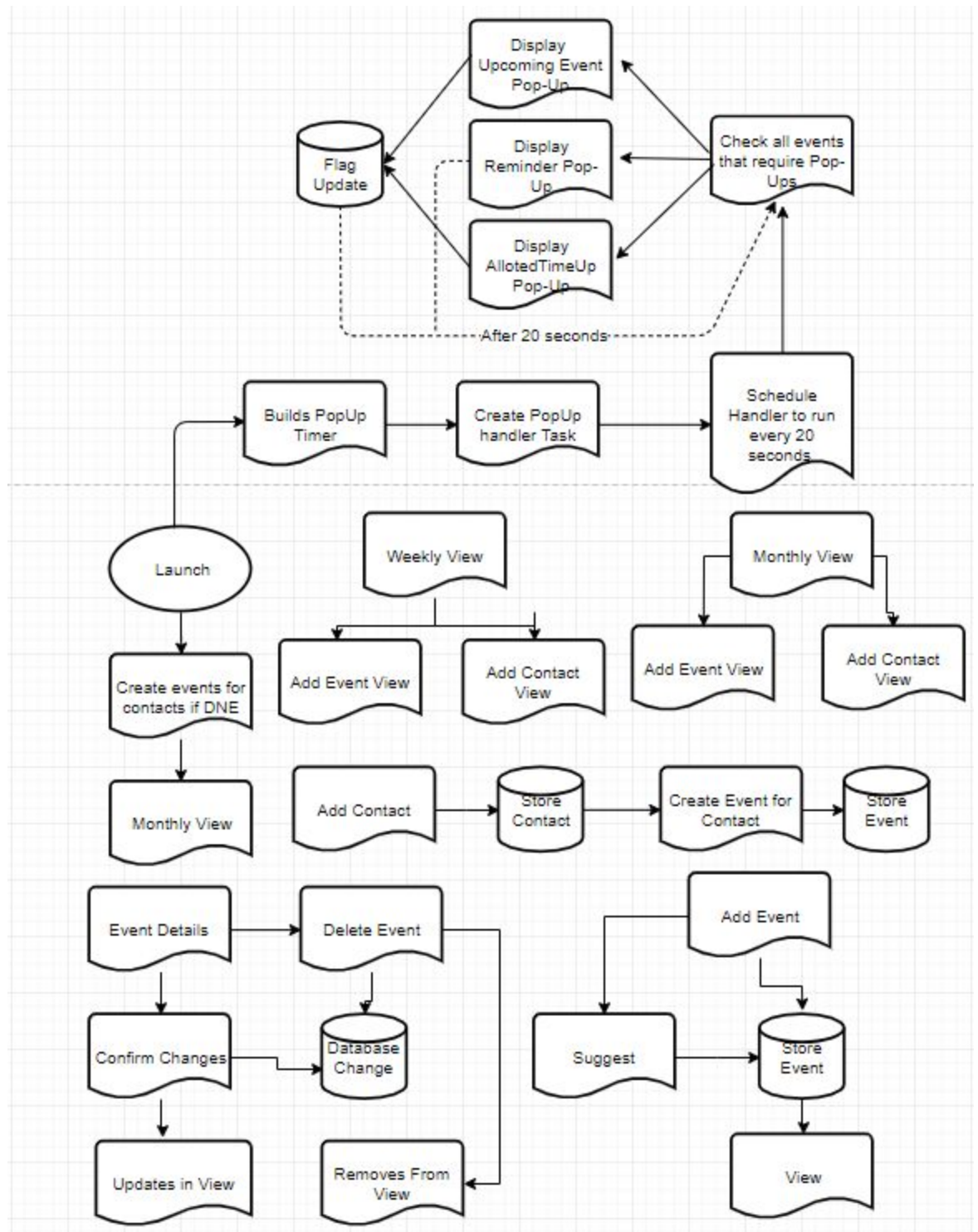
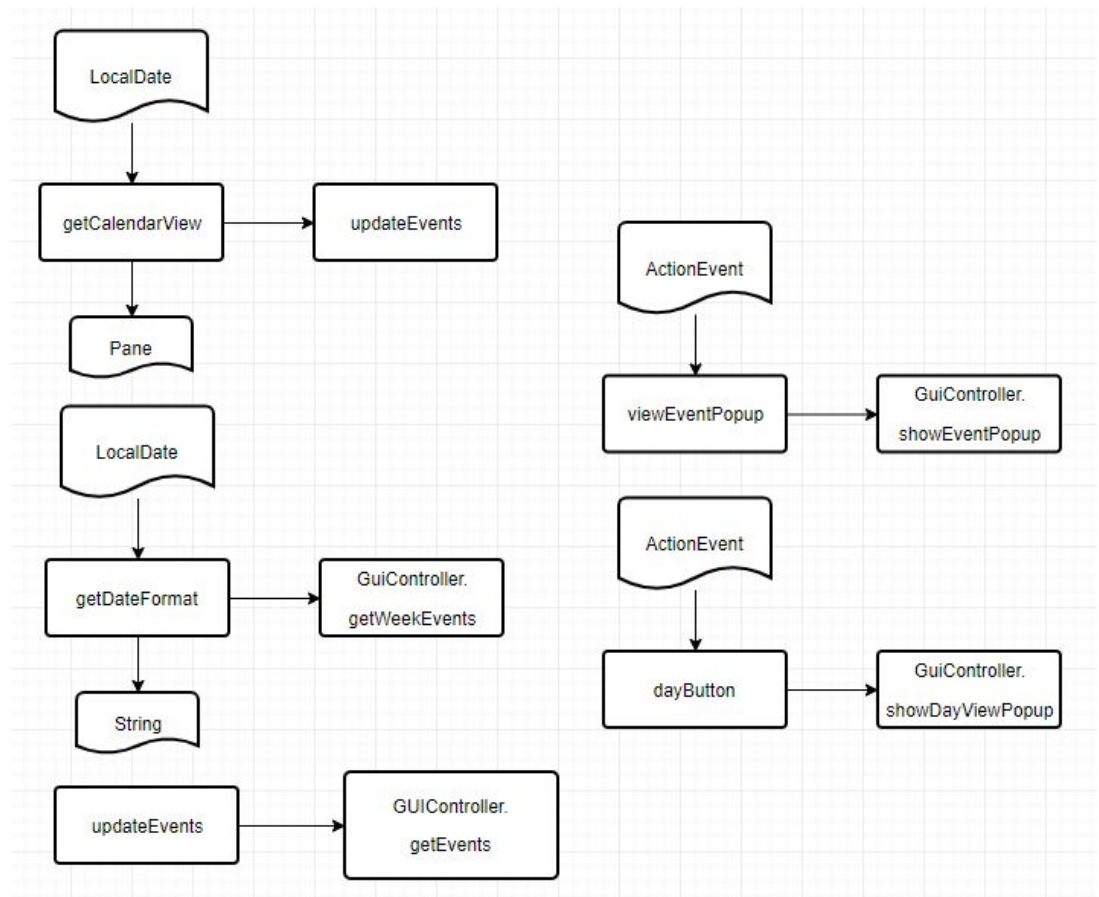


1. Classification of Components

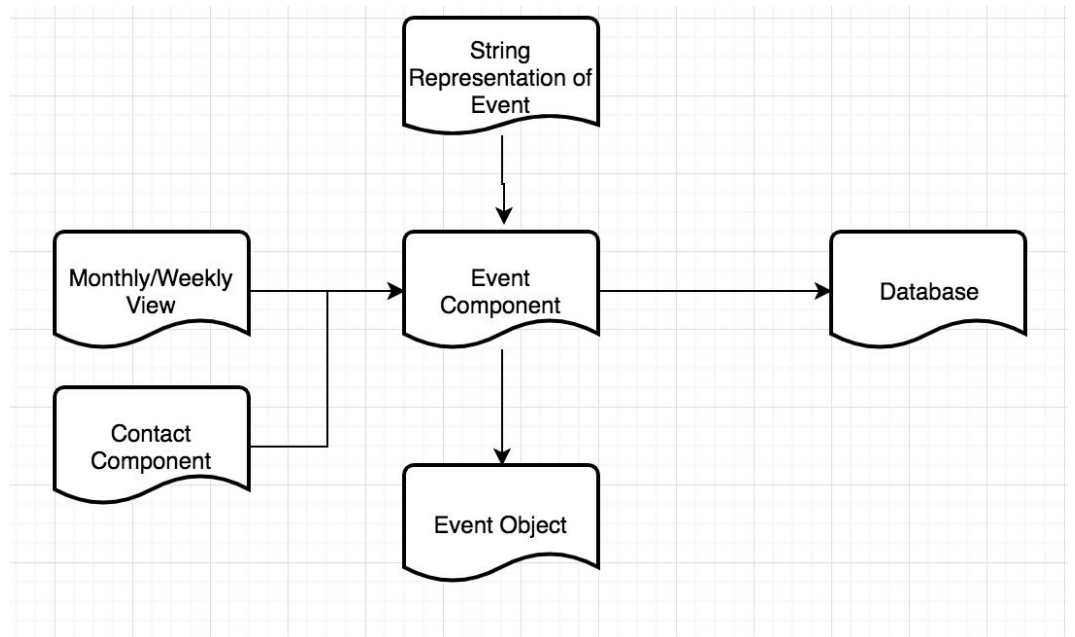


-
- Database Component
- Monthly/Weekly View Components

i.

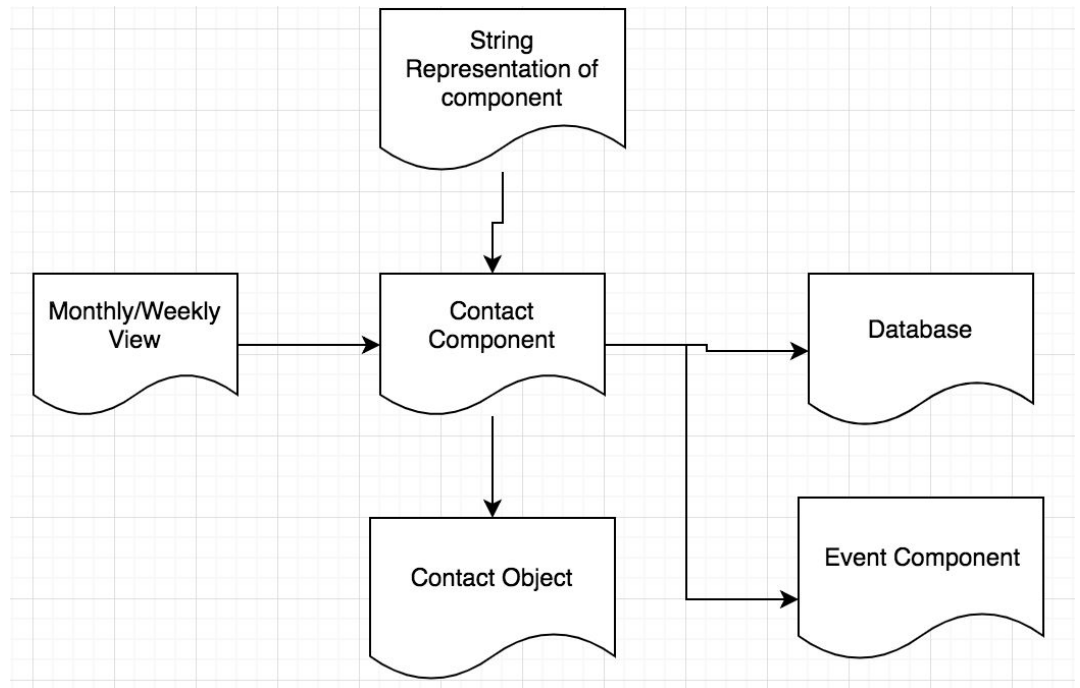


d. Event Component



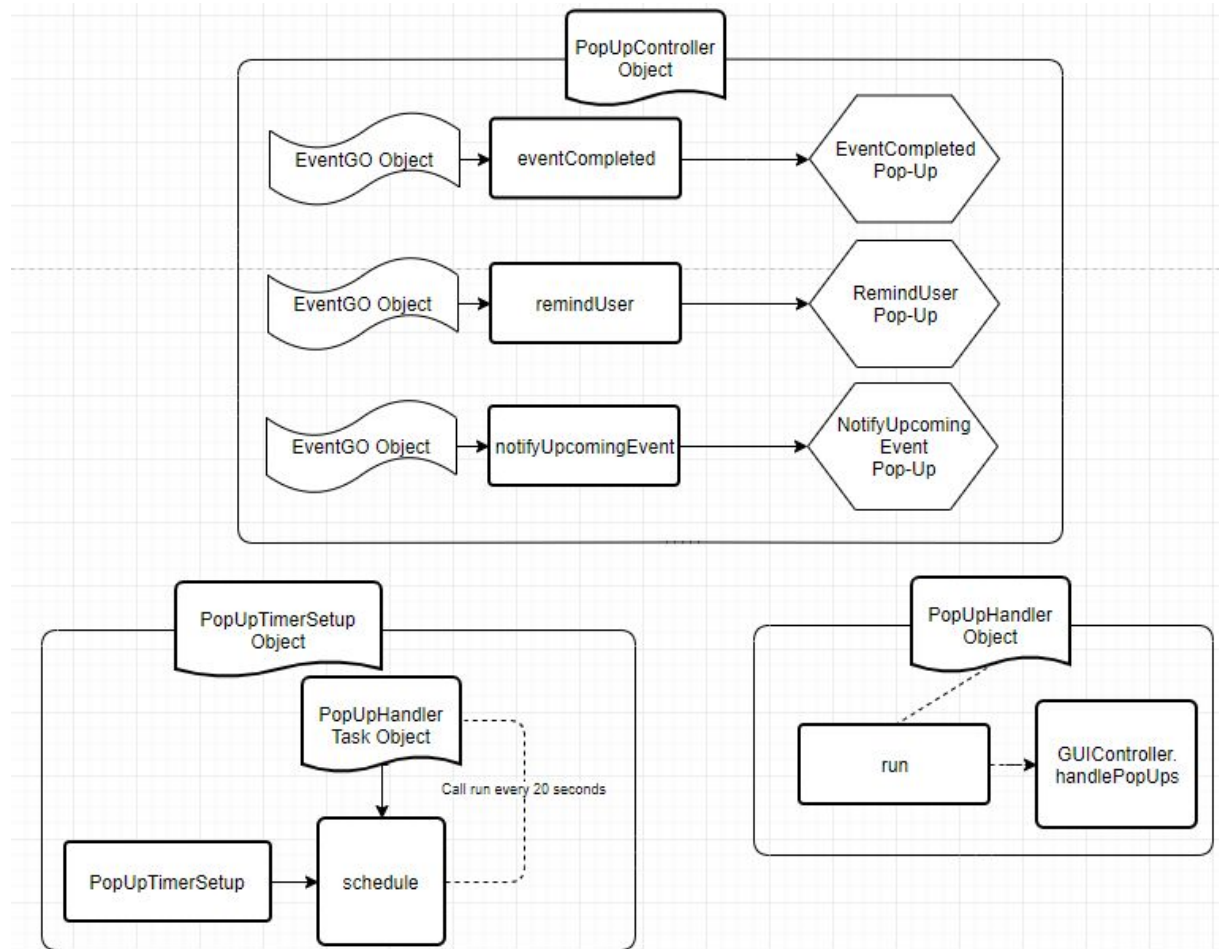
i.

e. Contact Component



i.

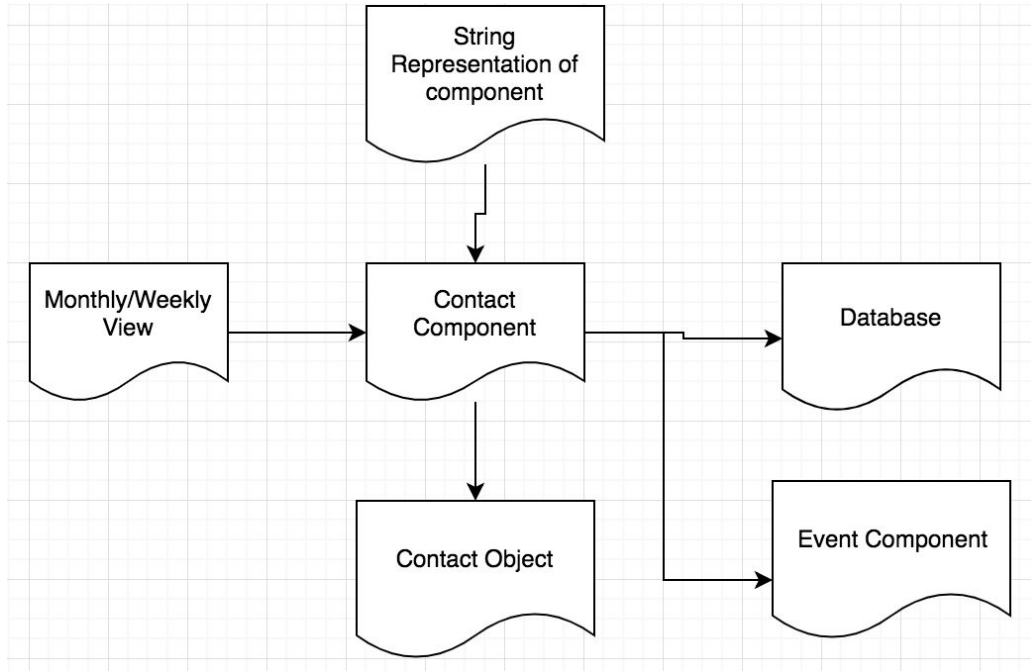
f. Pop-Up Components



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
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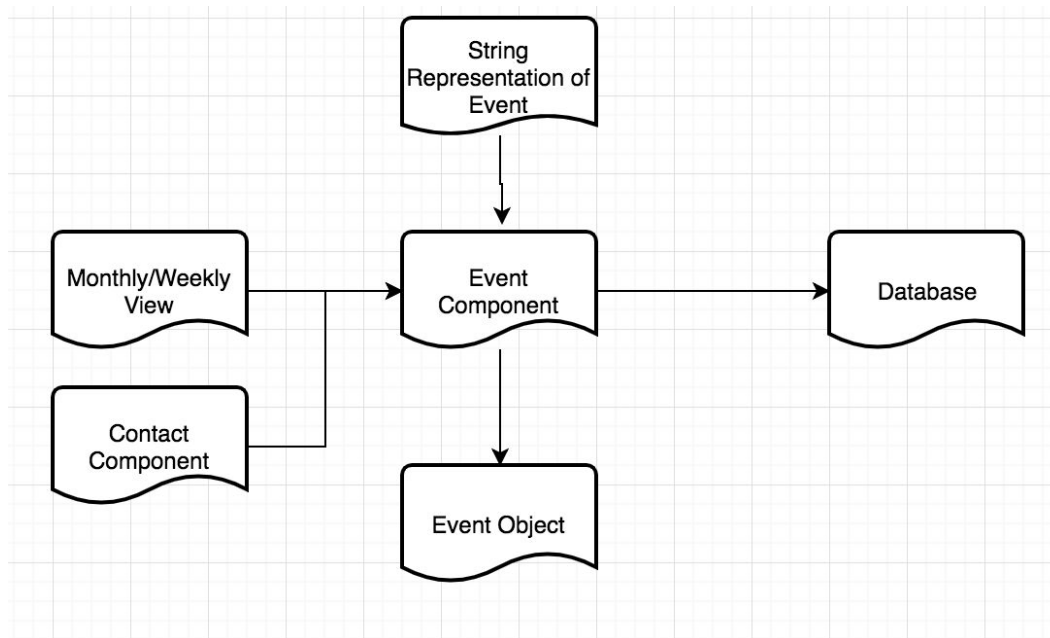
Incremental Testing

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	2	Update the list of events and the

	immediately pop up on the view		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 occurrence 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
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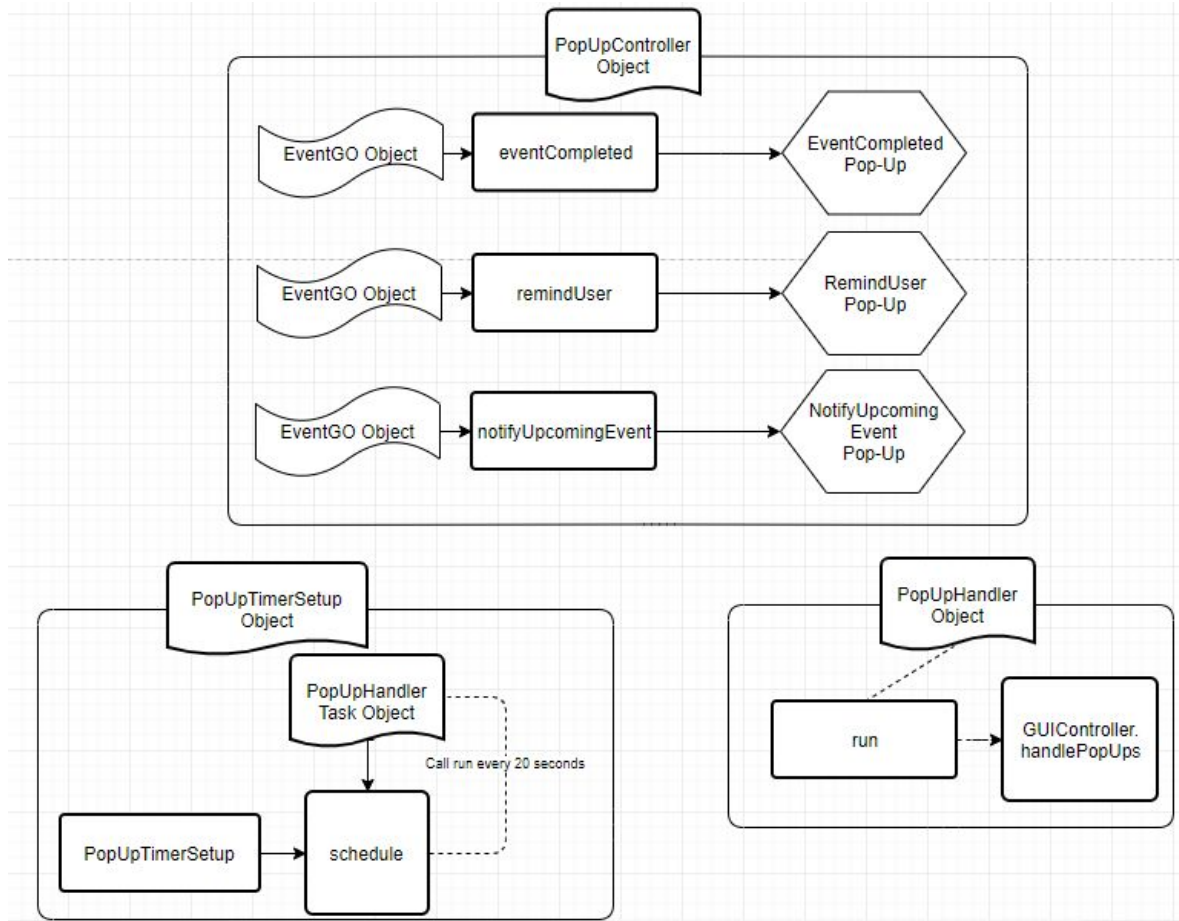
Incremental Testing

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 occurrence 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
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Incremental Testing

Defect #	Description	Severity	How Corrected
1	Timer object still may not close after main JavaFX thread shuts down.	3	Have both Pop-Up handler TimerTask as well as Timer cancel in the JavaFX 'primaryStage' stop().
2	'allotedTimeUp' value was not always set to the proper initial value when running through handler.	2	Have 'allotedTimeUp' value set properly in all EventGO constructors.
3	'constantReminders' value was	2	Have 'constantReminder' value

	not always set to the proper initial value when running through handler.		set properly in all EventGO constructors.
4	Current Reminders would be sent for events that needed to be notified for upcoming events.	2	Have later events and current events checked for before upcoming events

Regression Testing

Defect #	Description	Severity	How Corrected
1	Deleting an event while pop-up handler runs could cause a NullPointerException	2	Put database change in a try/catch block looking for NullPointerException and skip current event in eventList.
2	Constant reminders can pop up frequently in certain minutes	1	Have the last reminder time stored in an integer to prevent pop-up spam
3	Pop-Up timer quantum of 1 second would expire under massive database bloat	2	Have Timer quantum set to 20 second.