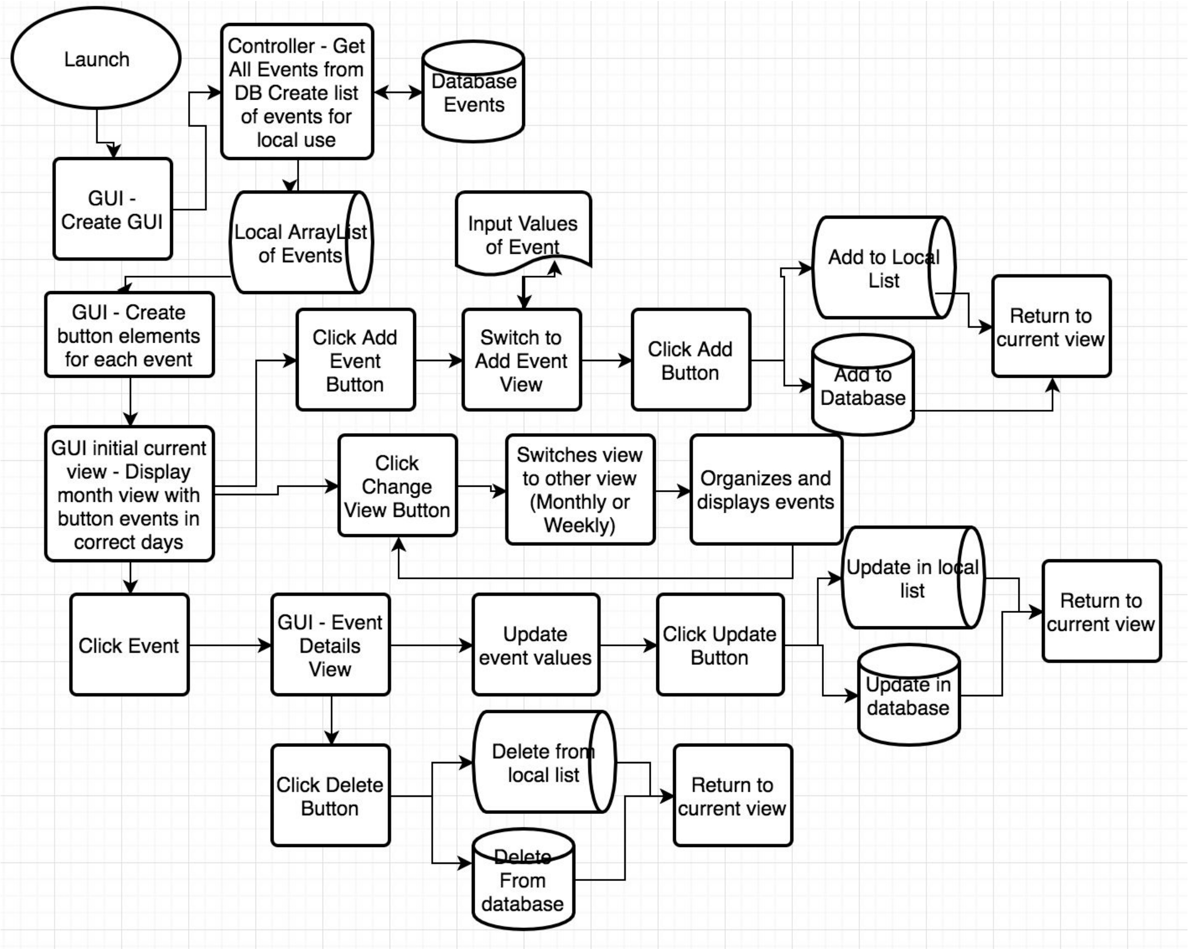
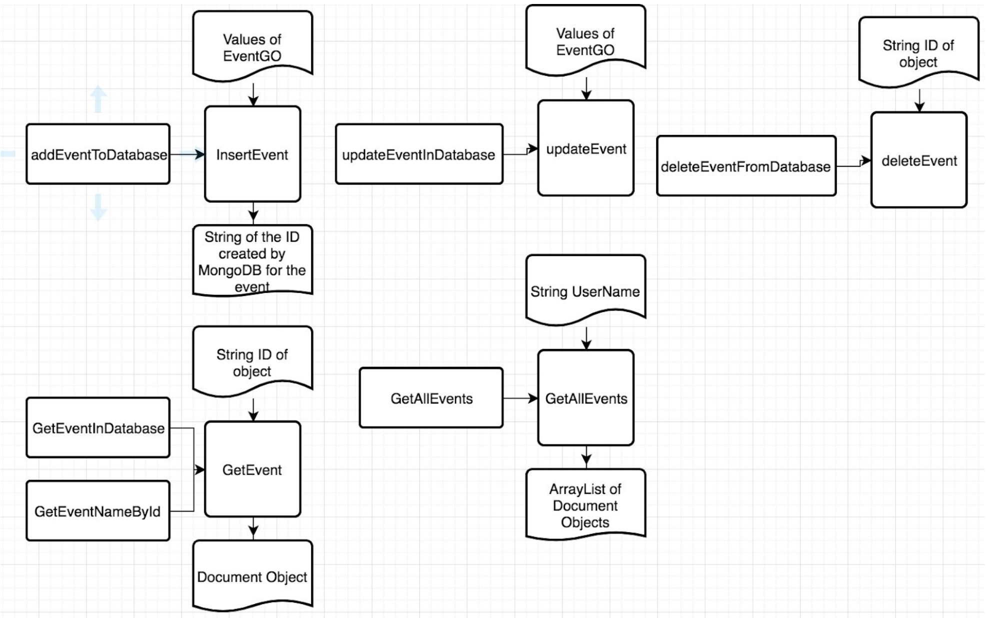
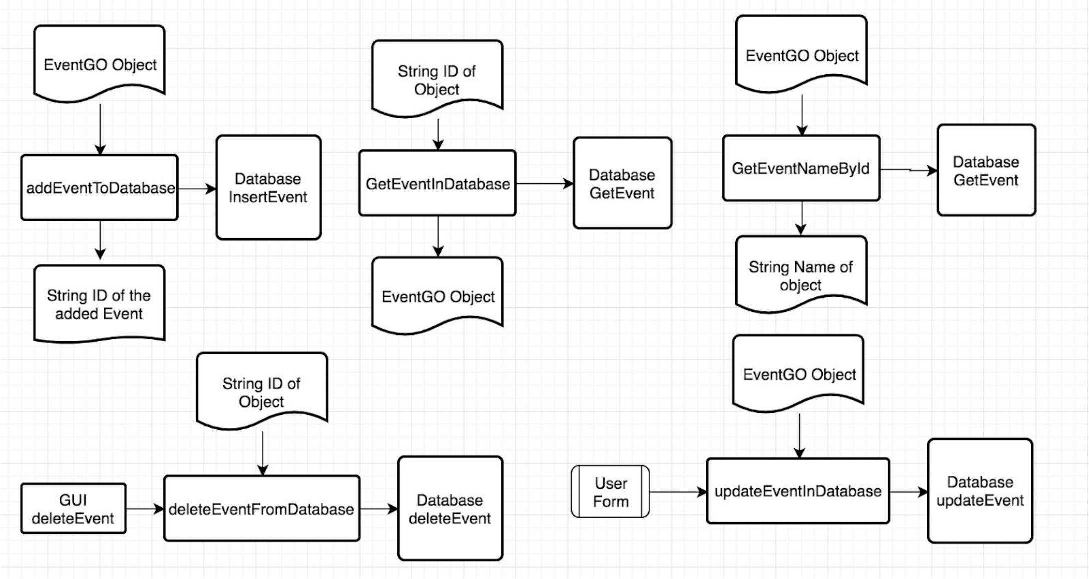
1. Classification of Components

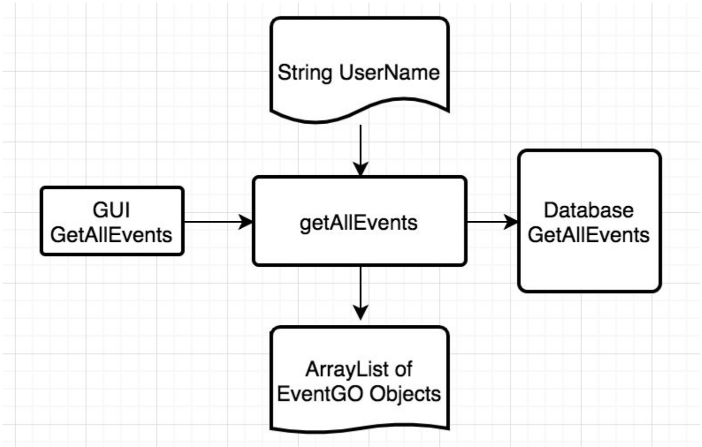
   a. 

b. EventDBO Components (Components that depend on it depicted on the left of each)

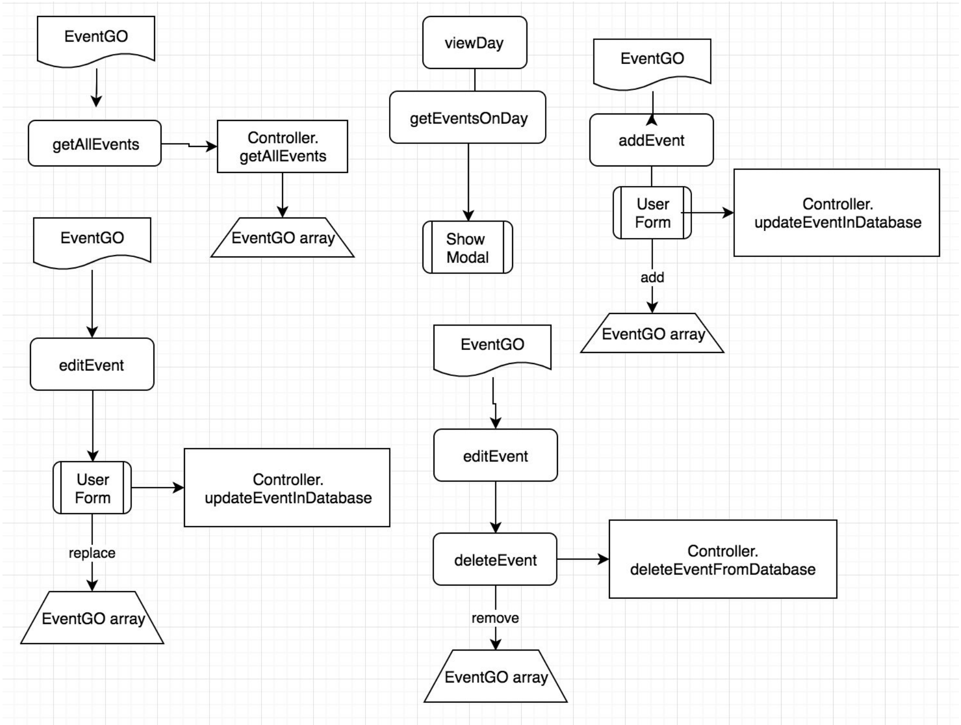
i. 

c. Controller Components (Components that depend on it depicted on the left of each Components that it depends on depicted on the right of each)

i. 

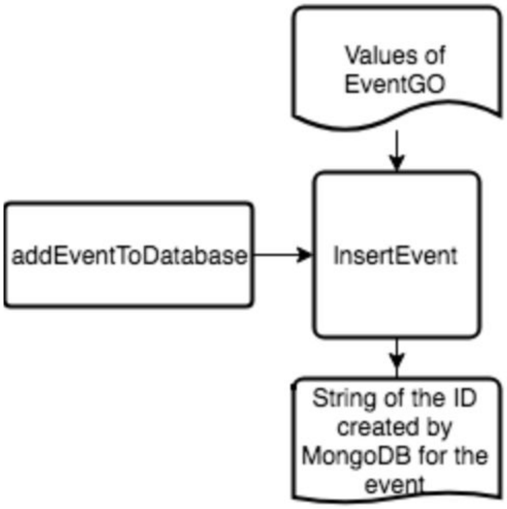
ii. 

d. GUI Components

i. 

e. 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



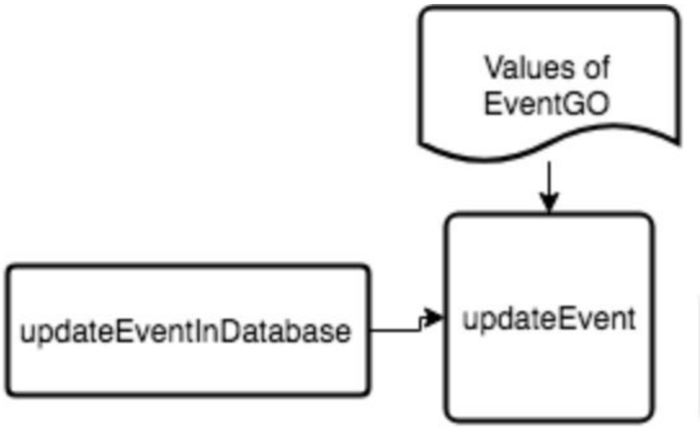
Module	**Database Insert Event**

Incremental Testing

Defect #	Description	Severity	How Corrected
1	Application should not crash when attempting to add null values to database	1	There should be no case where a null value is sent to the database handler. Do not add the event and return an empty string.

Regression Testing

Defect #	Description	Severity	How Corrected
1	Fixing adding null values in update Database causes addEventToDatabase to add an event to the local list that is invalid and not in database	1	When adding to local list check if the value of the id is empty. If it is don’t add it.



Module	Database Update Event

Incremental Testing

Defect #	Description	Severity	How Corrected
1	Application should not crash when attempting to add null values to database	1	There should be no case where a null value is sent to the database handler. Do not add the event and return an empty string.

Regression Testing

Defect #	Description	Severity	How Corrected
1	If the component above passes in the incorrect data for the update event component nothing should happen	1	The functionality is all contained in the component listed there is no functionality based on the return