CS 401 Project Schedule

Title: Home-Security System

Wednesdays: Weekly team check in, discuss the project progress, talk about any issues with the source files.

Sundays: Code write-up due [will have the whole week to work on it]

WEEK	JUSTIN	BHUMI	KANIKA
Feb 10 – Feb 16	Have a clear outline what variables, methods will be included within the Home-Alarm objects	Start working on the client object (private and public variables, what methods to include)	Have a clear outline what variables, methods will be included within the 911- dispatch object
Feb 16	**Turn-in** header file for Home-Alarm, Client, and 911-Dispatch objects with appropriately listed variables and methods		
Feb 17 – Feb 23	Start implementing CO Detector function	Start implementing Client class and the given methods	Start the implementation for Fire Department function
Feb 23	**Turn-in** source files for CO detector, Client, and Fire Department		
Feb 24 – March 1	Start implementing Smoke Alarm function	Start working on the implementation for Camera function (stimulate the variables if necessary)	Start implementation for Ambulance Station
March 1	**Turn-in** source files with all the functions and objects implemented till Smoke Alarm, Camera, and Ambulance Station		
March 2 – March 8	Next, start working on the implementation of Doors/Window sensors	Stimulate the data about crime news and store the data in Crime News function	Start implementing Police Station function
March 8	**Turn-in** the source files with all the functions working accordingly		
March 9 – March 15	Next, combine all the functions, make sure they all work accordingly and test the logic of the code (Home Alarm System)	Next, make sure Camera is combined within the Home Alarm object and test the logical flow. Also, have an idea as to how to connect Client and Monitor with each other	Next, combine all the functions, make sure they all work accordingly and test the logic of the code (911-Dispatch)

March 11	**Tentative Check-in** meet up with the team make sure everybody is on track and have at least combined their source files and are ready to do basic testing. Be ready for project swap		
March 15	**Turn in** source files with all implemented functions		
March 16 – March 22	Next, important part of the project will be connecting the Home Alarm with the Monitor	Feeding all the news report generated in the crime news to the Monitor	Next, important part of the project will be connecting the 911-Dispatch with the Monitor
March 22	**Turn in** source files with all implemented functions		
March 23 – March 29	Next, make sure all the class and object methods for Home Alarm System are logically implemented within the Monitor	Next, make sure all the class and object methods of Client and Crime News are logically implemented within the Monitor	Next, make sure all the class and object methods for 911-Dispatch are logically implemented within the Monitor
March 29	**Turn in** source files with all implemented functions		
March 30 – April 5	Next, work on the GUI part of the Monitor for Home Alarm System, create an outline how the functions implement logically	Next, work on the GUI part of the Monitor for Client class and create an outline showing the logical flow of the functions	Next, work on the GUI part of the Monitor for 911-Dispatch create an outline how the functions implement logically
April 5	**Turn-in** outline for GUI		
April 6 – April 12	Work on the GUI for Home Alarm System	Work on the Monitor GUI for Client	Work on the GUI for 911-Dispatch
April 13 – April 19	The next few weeks work on the GUI and test the code to make sure their implementation works in logically flow and implement any special cases that comes across while testing. ***April 22***: Tentative Check-in meet with the team, make sure everybody is on track and discuss any queries about the project.		
April 20 – April 26			
April 27 – May 3			

May 4 – May 10	Make sure all the source files are working and have been uploaded on GitHub.
May 11 – May 17	**Final Project Due**