The following is the milestone plan as set out by the design team.

## **Milestone 1:**

* Requirements doc
* Project background
* Project scope (must, should, and nice to have)
* Actors (users, servers, database, interface)
* Use case diagrams (preliminary and future)
* Activity diagram
* Storyboards
* Testability
* Design Doc
* Architecture review and decision matrix
* Architecture diagram
* Model review and potential application
* Class brainstorming
* Sequence diagram
* Time estimates

### **Plans for ID2:**

* Go forth with detailed design
* Review and adjust any changes as needed

## **Milestone 2:**

* Detailed class diagram of modelling objects (including flyweight design pattern)
* Detailed class descriptions of important classes
* Created milestone list for design team
* Collaborated with development team to share learning
* Summarized and included various tools used into the design doc

### **Plans for ID3:**

* Google Realtime API flow diagram for March 3rd (Darvin, Corey)
* High level library/tool interactions (Darvin, Corey)
* Storyboard (no Paint haha) of updated interface after consulting with implementation (Mitchell) This includes adding in a toolbar at the bottom (or somewhere) for text/colour of the selected object
* Consult with implementation about what detailed classes we need (eg. mouse events?) and make them
* Finish applying architectures and design models
* Review previous design content to match current project specifications

## **Milestone 3:**

* Reworked actors to match most recent requirements
* Created new use-case diagrams for the system with the new actors
* Created a new storyboard to match most recent requirements
* Defined testability for certain requirements
* Remade overall system architecture for new tools being used
* Wrote a systems overview of the project
* Created flow diagram of Google products usage
* Created new detailed class diagram with better representation of control/logic of program
* Expanded on usage of current tools

### **Plans for ID4:**

* Specify contracts for functions (including retrospectively)
* Adapt all sections needed with new and upcoming changes discovered from implementation
* Detailed class descriptions updated for new system
* Detailed diagram of overall system and new sequence diagrams
* Clear explanation of the how the entire system works
* User manual
* Updated activity diagrams (including error handling and exhaust potential paths)
* Updated/new storyboards added tool-bars (when an object is selected), objects inside of objects, and additional features (authority level, export) (all of our visual interface should be in storyboards)

## **Milestone 4:**

* Specify contracts for functions (including retrospectively)

### **Plans for ID5:**

* Finish the plans not covered in ID4

## **Milestone 5:**

* Help out with testing/implementation if needed