**Arrested Developers**

**Speech Buddy: Members and Our Roles**

**William (N01046945), Sanjay (N01035282) and Kevin (N01051682)**

**Member #1: William**

William will be in charge of the backend development of Speech Buddy, or the programming of the “controller” in relation to MVC programming. He will also be in charge of general overview and progress management of the project. He will be coding the logic that takes information from the model (SQL Database on a Ubuntu Server), modifies it dependent on keywords and intended program capabilities and sends it to the view. His development should be related to, but not dependant on the view or model, as according to MVC programming practices.

Specifications: The controller of Speech Buddy will be examining words taken from the database and determine if they are strings or call classes. For example, “Add …. To Calendar” would use two keywords that need to be identified, and a generic string. It would then update the data to be received appropriately in the GUI/view.

**Member #2: Sanjay**

Sanjay will be in charge of the GUI(Graphical User Interface) of Speech Buddy, or the development, creation and selection of graphic that will be used in the “View” of our project in relation to MVC programming. He will be in charge of providing an easy to use and appealing user experience that display information sent to it by the controller. His development should be related to, but not dependant on the controller, as according to MVC programming practices.

Specifications: The view of Speech Buddy will be displaying data modified/sent by the controller. It will include a multitude of list and reminders that Sanjay will create with a pleasant overall user interface.

**Member #3: Kevin Dang**

Kevin will be in charge of the data storage and retrieval database, or the “model” in relation to MVC programming. He will be creating a structured database that is secure and provides efficient queries, as well as authentication for differing users. His development should be related to, but not dependant on the controller, as according to MVC programming practices.

Specifications: Kevin will be building a MySQL database on a Ubuntu server created via a virtual machine. The database is to segment user input sentences, so that when it is passed to the controller keywords may be identified.