Review of the Requirements and Specification Document for MMSG1

1) Abstract
   No comment.

2) Revision History
   No comment.

3) Customer
   The banks might not be the best candidates for your system since they might probably have been using more advanced system with the better picture quality. It is a great idea to get the constant customers' feedback to improve the system. But, offering the customers to test the prototype might be risky due to the buggy nature of early prototype.

4) Competitive Landscape
   Why does high complexity imply inefficient? Also, the customers do not really care whether the system is complex or simple. All they want is reliability and functionality. Again, a lot more features does not mean difficult to utilize. The user interface is a key to win the customers.

5) User Requirements
   Why does user want two different modes, "on" and "enter catch criminal mode"? What is the purpose of the system being on but not in "catch criminal mode"? What if the criminal briefly appears in front of the camera for a few seconds, and the camera never catch it? How does the system prevent such events from happening?

6) Use Cases
   The user only requests for the user level, but there is a use case for system administrator.

7) User Interface
   No comment.

8) Security
   We will not advise to focus on the heavy password protection since it is not the only weakest link. The transmission can be easily compromised.
Review of the Design and Planning Document for MMSG1

1) Abstract
   No comment.

2) Revision History
   No comment.

3) System architecture
   The diagram seems to have some ambiguous. The Mote has bidirectional contact with the server, and the server has bidirectional contact with the Phone and the database. The phone pointing to login doesn’t make much sense. I can tell it’s supposed to show that you first login, and then can get to any of the three modes, but it doesn’t seem to fit with the linking of the components. The left side looks like those pieces communicate with each other, and the right side looks like it traces out the state changes.
   The tables for the UI and functions are very informative. They leave things like the settings menu up for interpretation though. Also, the controls make very good use of the G1’s touch screen capabilities.

4) Details
   Algorithms give a basic idea of how the modes are intended work. Maybe a little bit more elaboration could help.

5) Testing plan
   Very brief, unsure if your group plans on using any frameworks to test or just want to use a couple of testing programs.

6) Plan
   Switching “team captain” is a great idea & explaining each planning sections in depth detail is a plus, although the current document doesn’t really talk about the dependency of certain tasks on the others.

7) Weekly Milestone
   No comment.
Overall Content

The documents don’t explain much about how the different modules will communicate with each other. There is an alternative to the image processing algorithm, but all of the other options have no alternatives. Testing stages aren’t discussed. The control flow and the data flow clear seems packed in to one diagram, but if you can make the separation, it would be best. Also, the design detail for the camera algorithm is too vague. Overall, if some details can be modified, it was very impressive.