**Test Plan**

***<<MedicomGO>>***

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| **Author : Bojidar, Emanuil, Mila, Vlad, Wondimu** |

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# Purpose and Scope

The defined below functionalities will undergo testing in order to ensure the quality of the system.

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| Functionality Name | Description |
| Viewing Appointments | The users are able to check their appointments. |
| Cheking Patient | The users are able to check the patients with whom they have appointments |
| Getting Patient Information | The users are able to get specific information regarding the patients (Gen. information, allergies, appointments, lab results, vaccines and notes) |
| Adding Notes to a Patient | The users are able to add new notes to a specific patient. |

# Testing Strategy

Since as defined by the project plan the methodology used for the creation of this project is Agile Scrum and it requires all developers and testers to be flexible and ready to respond quickly to scope changes and shifts in the requirements the testing type which will be used is Unit Testing and these are the reasons why:

1. Unit tests help to fix bugs early in the development cycle and save costs.
2. It helps the developers to understand the testing code base and enables them to make changes quickly
3. Unit tests help with code re-use. Migrate both your code and your tests to your new project. Tweak the code until the tests run again.

By running unit tests a programmer can be aware if he/she has broken something in the application when doing optimizations or adding new features.

Unit tests are to be written side by side with the code which they will be testing and will be used to inform developers when they made a mistake so that they can handle the newly appeared bug before the application is delivered to the client.