**Software Implementation and Testing Document**

**For**

**Group <X>**

Version 1.0

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# Programming Languages

*List the programming languages use in your project, where you use them (what components of your project) and your reason for choosing them (whatever that may be).*

# Platforms, APIs, Databases, and other technologies used

*List all the platforms, APIs, Databases, and any other technologies you use in your project and where you use them (in what components of your project).*

# Execution-based Functional Testing

*Describe how/if you performed functional testing for your project (i.e., tested for the* ***functional requirements*** *listed in your RD).*

Login – I created a session that stores the username that comes from the database. This is easy to test, all I have to do is output the session to make sure that it is giving the right username. I also test the inputs by making sure wrong combinations of usernames and passwords do not grant the session, thus blocking the login.

Signup – I tested the signup by creating random test account and logging into the MySql server to see if they were inputted correctly. I wrote code to block same usernames. I tested this by trying to sign up with the same usernames and also checked it against different Cap letters.

# Execution-based Non-Functional Testing

*Describe how/if you performed non-functional testing for your project (i.e., tested for the* ***non-functional requirements*** *listed in your RD).*

# Non-Execution-based Testing

*Describe how/if you performed non-execution-based testing (such as code reviews/inspections/walkthroughs).*