**Software Implementation and Testing Document**

**For**

**Group <NoteWorthy>**

Version 1.0

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# 1.  Programming Languages (5 points)

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

1. HTML: Used for frontend user interface.
2. CSS: Used to add styling and flare to HTML components.
3. JavaScript: Used for implementing functionality of our Web App’s note taking and storing interface.
4. Python: Used for backend MongoDB database and communication with front end form submissions.

# 2.  Platforms, APIs, Databases, and other technologies used (5 points)

*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).*

1. MongoDB: we use this for our backend in terms of hosting our database.
2. Flask: Used to facilitate a connection between React and MongoDB.
3. React: Used for real time rendering of our front end interface.

# 3.  Execution-based Functional Testing (10 points)

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

Not needed for increment 1 per instructors instructions.

# 4.  Execution-based Non-Functional Testing (10 points)

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

Not needed for increment 1 per instructors instructions.

# 5.  Non-Execution-based Testing (10 points)

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

 Not needed for increment 1 per instructors instructions.