**Software Implementation and Testing Document**

**For**

**Group 17**

Version 1.0

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# Programming Languages (5 points)

*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).*

Python – Used for the App driver and the database initialization file. We chose Python because our team is comfortable with the language and are familiar with Flask for webpage development.

CSS -

HTML – Used for the template webpages which are utilized by Flask. We also chose HTML for our team’s familiarity with the language and how it works alongside Python and CSS.

# 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).*

Google Books API(?)

# 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).*

# 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).*

# Non-Execution-based Testing (10 points)

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