**Testing Strategy Worksheet**

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| **Project Name**  Delivery system | **Author**  Arshia Keshavarz Motamedi |
| **Computing Environment**  Windows or mac workstation | **Software Type**  Command line console application |
| **User Demographics**  Adult with basic experience with command line applications. | **Assumptions**  Assuming users are comfortable with command-line interfaces and the application will run smoothly across targeted operating systems without significant compatibility issues. |
| **Purpose of Test**  Ensuring program functionality, reliability, and usability meet the intended requirements and user expectations. | **Phases of Testing**  Unit Testing, Integration Testing, Regression Testing, Usability Testing |
| **Scope of Testing**  Usability of interface  Data integrity  **seamless interaction and functionality between different components** | **Critical Success Factors**  UI is usable and efficient  There is no data corruption  Ensure the application operates consistently without errors or unexpected behavior. |
| **Testing Types**  Unit testing  **Usability Testing** | **Tester Profiles**  Testing assignd, team members  Click or tap here to enter text. |
| **Development/ Test Tools**  Vs community version  **GCC compiler**  **Vs unit testing and debugging tools** | |
| **Business / Operational Concerns**  Any bug or problem on application can lead to losing marks for team members  Click or tap here to enter text.  Click or tap here to enter text. | |
| **Risks**  **Business**  Data loss or usability concerns can lead to losing marks for team members  Click or tap here to enter text.  **Technical**  Unfound problems or buggs can cause bigger problem in next steps of application  Click or tap here to enter text.  **Project**  Everything need to be tested before the projects due date  Click or tap here to enter text. | |
| **Other**  Any other notes  Click or tap here to enter text.  Click or tap here to enter text. | |