**Testing Strategy Worksheet**

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| **Project Name**  **Group 1 Basic functionality test.** | **Author QA leader**  **Taehwa Hong** |
| **Computing Environment**  **Windows, Visual Studio** | **Software Type**  **Visual Studio** |
| **User Demographics**  **End user** | **Assumptions**  **The user is unaware of how the project works but has information about its specifications.** |
| **Purpose of Test**  **Verify the given sample codes work correctly.** | **Phases of Testing**  **Checking if different parts work well together. Integration Testing on individual components and interaction between them.** |
| **Scope of Testing**  **Completeness of the given sample file of the project.** | **Critical Success Factors The testing functions ensure that the mapping is accurate on the 25x25 square grid, matching the PDF's described layout. The output should align with the assumed conditions specified in the Milestone, passing all relevant if statements. It validates that the grid functions as expected and meets the outlined criteria.** |
| **Testing Types**  **Black Box Testing** | **Tester Profiles** |
| **Development/ Test Tools**  **Use Visual Studio to test and compile codes easily.** | |
| **Business / Operational Concerns**  **If the route isn't mapped correctly or positioned wrong, it can cause delays in daily business. This may lead to delayed deliveries and pose problems for business operations.** | |
| **Risks**  **Business**  **Delays in business can cause customer complaints and business loss.**  **Technical**  **Tests fail might be an indication of data loss in a program, result in entire program failure.**  **Project**  **For the project, testing must pass before moving on to the next development phase (implementing function specs).** | |
| **Other: N/A** | |