**Testing Strategy Worksheet**

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| **Project Name**  **Group 4 Basic functionality test.** | **Author QA lead: Humaira Shaikh** |
| **Computing Environment**  **Windows, VS code** | **Software Type**  **VS code with gcc compile** |
| **User Demographics**  **End user** | **Assumptions**  **User does not know functionality but specification of milstone as described in Project overvie pdf.** |
| **Purpose of Test**  **Verify the given sample codes work correctly.** | **Phases of Testing Integration Testing on individual components and interaction between them.** |
| **Scope of Testing**  **Completeness of the given sample file of the project.** | **Critical Success Factors Testing functions are for mapping correctly as the 25x25 square grid. Output should match as the PDF described grid. And it should pass all the if statement according to the assumption with the Milestone specification.** |
| **Testing Types**  **Black Box Testing** | **Tester Profiles** |
| **Development/ Test Tools**  **VS can be used as test tools, compile completed with testing codes in VS code.** | |
| **Business / Operational Concerns**  **Incorrect positioning and not correctly mapping can cause delay in business processes. For an example it can cause delay on deliveries.** | |
| **Risks**  **Business**  **Delays in business can cause customer complaints.**  **Technical**  **Tests fail might be a sign to data loss in program, result in entire program failure.**  **Project**  **Testing must be completed as all passed before the next phase of development. (Implementing function specs)** | |
| **Other: N/A** | |