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| **Work Package No** | 2 |
| **Work Package Name** | **X Based System Design Technology (SRS-design stage)** |
| **Start-End Date and Time** |  |
| **Related Organizations** |  |

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| **1- List the activities of work packages.** |
| * **Determining System Parameters** * **Selection of the Device to be Used** * **Selection Of Programming Language to be used** * **System Design** |
| **2- Describe the methods and parameters that will be used for work package.** |
| Weighted multi criteria analysis method |
| **3- List the experiments, tests and analysis in the work package.** |
| Project selection decisions must consider numerous factors and can have numerous outcomes  The Score columns will multiply rating times weight (for the requirement or constraint).  **Score = weight X rating**  **Each alternative: sum scores across requirements/constraints**  **Alternative with highest score wins**  By playing with the weights, you can play “what-if” games to see how your decisions on “what’s important” affect your decision of which alternative to select. |
| **4- List the output of work package and its success criteria.** |
| **Outputs:**  **Success Criteria:** |
| **5- Explain the relation of output with other work packages** |
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| **Work Package No** | 3 |
| **Work Package Name** | **X Development of System Software (SRS-Development Stage)** |
| **Start-End Date and Time** |  |
| **Related Organizations** |  |

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| **1- List the activities of work packages.** |
| * **Concept Development and Need analysis** * **Creating a Database.** * **Software Development.** * **Software Integration** |
| **2- Describe the methods and parameters that will be used for work package.** |
| Extreme programming technique (A type of Agile methodology) will be implemented in this project for the Software Development Life Cycle as there’d be need for constant communication between developers. Extreme programming technique is used for lightweight or small project or system development that doesn’t necessarily require a very large team and also focuses on the need of the customer. |
| **3- List the experiments, tests and analysis in the work package.** |
| Checking Database connection to the interface |
| **4- List the output of work package and its success criteria.** |
| **Outputs:**   * Proper working Interactive interface * Working Database connection   **Success Criteria: Connected Databases, Responding Interface** |
| **5- Explain the relation of output with other work packages** |
| A working Interface and connected database shows the program is working according to requirements, hence, testing and Maintenance which is the next stage(**SRS-Test & Maintenance stage**) can begin. |