**PROJECT PLANNNG PHASE**

**MILESTONES AND ACTIVITY LIST**

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| DATE | 22 OCTOBER 2022 |
| TEAM ID | PNT2022TMID30408 |
| PROJECT TITLE | EFFICIENT WATER QUALITY ANALYSIS AND PREDICTION USING MACHINE LEARNING |

**Milestones and Activity List:**

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| **S.NO** | **MILESTONES** | **ACTIVITIES** | **TEAM** |
| 1. | DATA COLLECTION | Download the Dataset | Joan Sharon N |
| 2. | DATA  PREPROCESSING | Importing the Libraries | Priyadharshini C N |
| 3. | DATA  PREPROCESSING | Reading the Dataset | Renisha Magdalene N |
| 4. | DATA  PREPROCESSING | Analyse the Data | Rubina angel D |
| 5. | DATA  PREPROCESSING | Handling the Missing  Values | Priyadharshini C N  Renisha Magdalene  N  Rubina angel D |
| 6. | DATA  PREPROCESSING | Water Quality Index (WQI) Calculation | Joan Sharon N  Priyadharshini C N  Renisha Magdalene  N |
| 7. | DATA  PREPROCESSING | Data Visualisation | Rubina angel D |
| 8. | DATA  PREPROCESSING | Splitting Dependent and Independent Columns. | Joan Sharon N  Priyadharshini C N |
| 9. | DATA  PREPROCESSING | Splitting the Data into  Training and Testing | Renisha  Magdalene N  Rubina angel D |
| 10. | MODEL EVALUATION | Model Evaluation | Priyadharshini C N  Renisha  Magdalene N |

