**Project Planning Phase Milestone and Activity List**

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| Date | 10 November 2022 |
| Team ID | IBM-Project-PNPNT2022TMPNT2022TMID04763[**1721659633579**](https://github.com/IBM-EPBL/IBM-Project-17289-1659633579)  PNT2022TMID04763 |
| Project Name | IoT Based Safety Gadget for Child Safety  Monitoring & Notification |

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| **TITLE** | **DESCRIPTION** | **DATE** |
| **Literature Survey & Information Gathering** | Gather/collect the pertinent data for the project's use case, and consult any technical papers, research publications, or other existing solutions. | 30 AUGUST 2022 |
| **Prepare Empathy Map** | Prepare the user's pains and gains for the empathy map canvas. Make a list of the problems. | 5 SEPTEMBER 2022 |
| **Ideation** | List the ideas generated during the brainstorming session and rank the top three according to relevance and viability. | 12 SEPTEMBER 2022 |
| **Proposed Solution** | Create a proposal for a solution that details its novelty, viability as a business idea, social impact, scalability, and other factors. | 23 SEPTEMBER 2022 |
| **Problem Solution Fit** | assemble a problem-solution document.. | 25 SEPTEMBER 2022 |
| **Solution Architecture** | Prepare solution architecture document. | 29 SEPTEMBER 2022 |

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| **Customer Journey** | Create customer journey maps to comprehend how users engage with and use the application from entry to exit. | 03 OCTOBER 2022 |
| **Functional Requirement** | Document the functional requirements. | 16 OCTOBER 2022 |
| **Data Flow Diagrams** | Make the data flow diagrams, then submit them for evaluation. | 18 OCTOBER 2022 |
| **Technology Architecture** | Create a diagram of the technology architecture. | 13 OCTOBER 2022 |
| **Prepare Milestone & Activity List** | Create a list of the project's milestones and activities. | 20 OCTOBER 2022 |
| **Project Development - Delivery Of Sprint-1, 2, 3 & 4** | Create and submit the code after testing it. | IN PROGRESS |