Project Planning Phase

**Project Planning Template (Milestone & Activity List)**

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| Date | 22 October 2022 |
| Team ID | PNT2022TMID37786 |
| Project Name | Classification Of Arrhythmia By Using Deep Learning With 2-D ECG Spectral Image Representation |
| Maximum Marks | 8 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

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| S.NO | MILESTONE | ACTIVITIES | DATE |
| 1. | Preparation Phase | Pre-requisites | 24 Aug 2022 |
| Prior knowledge | 25 Aug 2022 |
| Project Structure | 23 Aug 2022 |
| Project Flow | 23 Aug 2022 |
| Project Objectives | 22 Aug 2022 |
| Registrations | 26 Aug 2022 |
| Environment Set-up | 27 Aug 2022 |

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| 2. | Ideation Phase | Literature Survey | 29 Aug 2022 - 03 Sept  2022 |
| Empathy Map | 05 Sept 2022 - 7 Sept 2022 |
| Problem Statement | 08 Sept 2022 - 10  Sept2022 |
| Ideation | 12 Sept 2022 - 16 Sept  2022 |
| 3. | Project Design Phase -I | Proposed Solution | 19 Sept 2022 - 23 Sept  2022 |
| Problem Solution Fit | 24 Sept 2022 - 26 Sept  2022 |
| Solution Architecture | 27 Sept 2022 - 30 Sept  2022 |
| 4. | Project Design Phase -II | Customer Journey | 03 Oct 2022 - 08 Oct 2022 |
| Requirement Analysis | 09 Oct 2022 - 11 Oct 2022 |
| Data Flow Diagrams | 11 Oct 2022 - 14 Oct 2022 |
| Technology Architecture | 15 Oct 2022 - 16 Oct 2022 |

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| 5. | Project Planning Phase | Milestones & Tasks | 17 Oct 2022 - 18 Oct 2022 |
| Sprint Schedules | 19 Oct 2022 - 22 Oct 2022 |
| 6. | Project Development Phase | Sprint-1 | 24 Oct 2022 - 28 Oct 2022 |
| Sprint-2 | 30 Oct 2022 - 04 Nov  2022 |
| Sprint-3 | 06 Nov 2022- 11 Nov  2022 |
| Sprint-4 | 13 Nov 2022 - 18 Nov  2022 |
|  | Sprint-1 | * Download The Dataset * Import ImageDataGenerator Library * Configure ImageDataGenerator class * Import Libraries * Initialize the Model | 24 Oct 2022 – 28 Oct 2022 |

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|  | Sprint – 2 | * Register IBM Cloud * Apply ImageDataGenerator functionality to Trainset and Dataset * Test the model | 30 Oct 2022 – 04 Nov  2022 |
|  | Sprint – 3 | * Train the model on IBM * Create Html files * Train the Model | 06 Nov 2022 –11 Nov  2022 |
|  | print – 4 | * Configure The Learning Process * Build Python code * Adding Dense Layer * Adding CNN layer | 13 Nov 2022 –18 Nov  2022 |