

# MILESTONE AND ACTIVITY LIST

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|---------------|---|
| Date          | :22 October 2022  |
| Team ID       | : PNT2022TMID15252  |
| Project Name  | : A Gesture-Based Tool for Sterile Browsing Of Radiology Images |
| Maximum Marks | : 2 Marks   |

| Activity Number | MileStone         | Detailed Activity Description  | Assigned To   | Date                 |
|-----------------|-------------------|--|---|----------------------|
| 1               | Preparation Phase | <p>Access the resources (courses) in projectdashboard</p> <p>Access the guided project workspace</p> <p>Create GitHub account &amp; collaborate withProject Repository in project workspace</p> <p>Set-up the Laptop / Computers based on theprerequisites for each technology track</p> | <p>Kalpika K</p> <p>Kalapoorani P</p> <p>Hiba Mariam H</p> <p>Hemalatha J</p> | 22 Aug – 28 Aug 2022 |

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| 2 | <b>Ideation Phase</b> | Literature survey on the selected project & Information Gathering ,Preparation of EmpathyMap Canvas to capture the user Pains & Gains, Prepare list of problem statements List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance | Kalpika K<br>Kalapoorani P<br>Hiba Mariam H<br>Hemalatha J | 29 Aug – 17<br>Sept 2022 |
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| <b>3</b> | <b>Project Design Phase- I</b> |  |  |                           |
| 3.1      | Proposed Solution              | Preparation of proposed solution document ,which includes the Problem Statement (Problem to be solved), Idea / Solution description, Novelty / Uniqueness, Social Impact / Customer Satisfaction, Business Model (Revenue Model), Scalability of the Solution. | Kalpika K<br>Kalapoorani P<br>Hiba Mariam H<br>Hemalatha J | 19 Sept-<br>24 Sept 2022  |
| 3.2      | Problem Solution fit           | Preparation of problem solution fit  | Kalpika K<br>Kalapoorani P<br>Hiba Mariam H<br>Hemalatha J | 26 Sept – 29 Sept<br>2022 |

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| 3.3      | Solution Architecture           | Prepare an architecture for solution   | Kalpika K<br>Kalapoorani P<br>Hiba Mariam H<br>Hemalatha J         | 29 Sept-2 Oct<br>2022 |
| <b>4</b> | <b>Project Design Phase -II</b> |  |  |                       |
| 4.1      | Requirement Analysis            | Prepare the Functional Requirement and the<br>Non-Functional Requirement   | Kalpika K<br><br>Kalapoorani P<br>Hiba Mariam H<br><br>Hemalatha J | 3 Oct - 5 Oct 2022    |
| 4.2      | Customer Journey                | Preparation of customer journey maps to<br>Journey understand the user interactions &<br>experiences with the application (entry to<br>exit) | Kalpika K<br><br>Kalapoorani P<br>Hiba Mariam H<br><br>Hemalatha J | 6 Oct- 10 Oct<br>2022 |

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| 4.3 | Data Flow Diagrams      | Prepare a Data Flow Diagram for Project         | Kalpika K<br>Kalapoorani P<br>Hiba Mariam H<br>Hemalatha J     | 11 Oct –<br>13 Oct 2022 |
| 4.4 | Technology Architecture | Prepare Technology Architecture of the solution | Kalpika K<br><br>Kalapoorani P<br>Hiba Mariam H<br>Hemalatha J | 14 Oct –<br>16 Oct 2022 |

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| <b>5</b> | <b>Project planning phase</b> |                                      |  |                         |
| 5.1      | Milestones & Tasks            | Prepare Milestone & Activity<br>List | Kalpika K<br><br>Kalapoorani P<br><br>Hiba Mariam H                    | 17 Oct - 19 Oct<br>2022 |
| 5.2      | Sprint Schedules              | Prepare Sprint Delivery Plan         | Kalpika K<br><br>Kalapoorani P<br><br>Hiba Mariam H<br><br>Hemalatha J | 20 Oct - 23 Oct<br>2022 |

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| 6   | <b>Project Development Phase</b> |   |  |                      |
| 6.1 | Coding & Solutioning             | Sprint-1 Data Collection: Download the Data set , Image Pre-processing (Import the library, Image preprocessing, Configure ImageDataGenerator, Apply image generator functionality).  | Kalpika K<br>Kalapoorani P<br>Hiba Mariam H<br>Hemalatha J | 25 Oct- 29 Oct 2022  |
| 6.2 | Acceptance Testing               | Sprint-2 Website Building : Home page, Introduction Page, Launch Page.<br>Sprint-3 Model Building : Import the model building libraries and initialize the model, Adding CNN layers and Dense layers, Configure the learning process, Train test and save the model | Kalpika K<br>Kalapoorani P<br>Hiba Mariam H<br>Hemalatha J | 31 Oct - 12 Nov 2022 |

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| 6.3 | Performance Testing | Sprint-4Train The Model of IBM: Register for IBM Cloud, Train the Model and Test the Model and its Overall Performance | Kalpika K<br>Kalapoorani P<br>Hiba Mariam H<br>Hemalatha J | 14 Nov - 19 Nov 2022 |
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