

Project Planning Phase Milestones & Activities

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| Team Leader | Palagiri Sana |
| Team Members | Vusthili Vimala |
| | M.S.Nandhini |
| | Vidarshana S |

| S.No | Milestones | Activities | Team Members |
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| 1. | Setting up application Environment | Create Flask Project | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| | | Create IBM Cloud account | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| | | Install IBM Cloud CLI | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| | | Docker CLI Installation | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| | | Create an account in Sendgrid | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |

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| | | Create an account in Nutrition API | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| 2. | Implementation of Web Application | Create UI to interact with application | Palagiri Sana Vusthili Vimala |
| | | Create IBM DB2 and Connect with Python | M.S.Nandhini Vidarshana S |
| | | Integrate Nutrition API | Palagiri Sana M.S.Nandhini |
| 3. | Integrating SendGrid Service | SendGrid integration with Python code | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |

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| 4. | Deployment of App in IBM Cloud | Containerize the app | Palagiri Sana Vusthili Vimala |
| | | Upload Image to IBM Container Registry | M.S.Nandhini Vidarshana S |
| | | Deploy in Kubernetes Cluster | Palagiri Sana Vusthili Vimala |

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| 5. | Ideation Phase | Literature Survey On The Selected Project & Information Gathering | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| | | Prepare Empathy Map | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |

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| | | Ideation | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| 6. | Project Design Phase - I | Proposed Solution | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| | | Problem Solution Fit | M.S.Nandhini Vidarshana S |
| | | Solution Architecture | Palagiri Sana Vusthili Vimala |
| 7. | Project Design Phase - II | Customer Journey | M.S.Nandhini Vidarshana S |
| | | Functional requirement | Palagiri Sana Vusthili Vimala |

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| | | Data Flow Diagrams | Palagiri Sana M.S.Nandhini Vidarshana S |
| | | Technology Architecture | Palagiri Sana Vusthili Vimala |
| 8. | Project Planning Phase | Prepare Milestones & Activity List | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| | | Sprint Delivery Plan | Palagiri Sana M.S.Nandhini |
| 9. | Project Development Phase | Project Development – Delivery of Sprint – 1 | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| | | Project Development – Delivery of Sprint – 2 | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| | | Project Development – Delivery of Sprint – 3 | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |
| | | Project Development – Delivery of Sprint - 4 | Palagiri Sana Vusthili Vimala M.S.Nandhini Vidarshana S |