

## **Project Planning Phase**

Date	01-11-2022
Team ID	PNT2022TMID53159
Project Name	AI-based localization and classification and classification of skin disease with erythema.

### **Milestones and Activity List**

S.no	Milestone	Activities	Start Date	End Date
1	Project Objectives	Prepare the project objectives.	22-Aug-2022	27-Aug-2022
2	Pre-Requisites	<ul style="list-style-type: none"><li>➤ Install Python IDE</li><li>➤ Install Microsoft's Visual Object Tagging Tool</li><li>➤ Download YOLO Project Structure</li></ul>	22-Aug-2022	27-Aug-2022
3	Create Dataset	Creating Dataset from scratch.	22-Aug-2022	27-Aug-2022
4	Annotate Images	Create a project in VOTT <ul style="list-style-type: none"><li>▪ VOTT Project Creation.</li></ul>	22-Aug-2022	27-Aug-2022
5	Training YOLO	Download and Convert Pre-Trained weights. Train YOLOV3 Detector	24-oct-2022	19-Nov-2022
6	Cloudant DB	<ul style="list-style-type: none"><li>➤ Register and login to IBM cloud</li><li>➤ Create service instance</li><li>➤ Create service credentials.</li><li>➤ Launch Cloudant DB</li><li>➤ Create Database</li></ul>	24-oct-2022	19-Nov-2022
7	Application Building	<ul style="list-style-type: none"><li>➤ Build HTML page</li><li>➤ Build PYTHON code</li><li>➤ Run the application</li></ul>	24-oct-2022	19-Nov-2022
8	Ideation Phase	<ul style="list-style-type: none"><li>➤ Literature Survey</li><li>➤ Empathy Map</li><li>➤ Ideation</li></ul>	29-Aug-2022	17-Sept-2022

S.no	Milestone	Activities	Start Date	End Date
9	Project Design Phase - I	<ul style="list-style-type: none"> <li>➤ Proposed Solution</li> <li>➤ Problem Solution Fit</li> <li>➤ Solution Architecture</li> </ul>	19-Sept-2022	01-Oct-2022
10	Project Design Phase - II	<ul style="list-style-type: none"> <li>➤ Customer Journey</li> <li>➤ Functional Requirement</li> <li>➤ Data Flow Diagrams</li> <li>➤ Technology Architecture</li> </ul>	03-Oct-2022	15-Oct-2022
11	Project Planning Phase	<ul style="list-style-type: none"> <li>➤ Prepare Milestone &amp; Activity List</li> <li>➤ Sprint Delivery Plan</li> </ul>	17-Oct-2022	22-Oct-2022
12	Project Development Phase	<ul style="list-style-type: none"> <li>➤ Project Development - Delivery of Sprint-1</li> <li>➤ Project Development - Delivery of Sprint-2</li> <li>➤ Project Development - Delivery of Sprint-3</li> <li>➤ Project Development - Delivery of Sprint-4</li> </ul>	24-Oct-2022	19-Nov-2022