

**Project Planning Phase
Milestone and Activity
List**

Date	18 NOVEMBER 2022
Team ID	PNT2022TMID08233
Project Name	AI-based localization and classification of skin disease with erythema

PRE-REQUISTITES

TITLE	DESCRIPTION	DATE
Install Python IDE	To Install and refer Anaconda and Pycharm for installation steps	12 NOVEMBER 2022
Install Microsofft Visual Object Taggings Tool (VOTT)	Now download and Install VOTT for your OS	13 NOVEMBER 2022
Download YOLO Project Structure	Now Download the Structure of the project to build your model	12 NOVEMBER 2022
Create Dataset	Create the dataset from the Scratch	12 NOVEMBER 2022

ANNOTATE IMAGE

TITLE	DESCRIPTION	DATE
Create a Project in VOTT Part 1, 2, 3 & 4	Create A New Project choose add connection and images Display Name .As final convert the VOTT csv format to the YOLOv3 format	13 NOVEMBER 2022

TRAINING YOLO

TITLE	DESCREATION	DATA
Download and Convert Pre Trained Weights	Download the pre-trained YOLOv3 weights and convert them to the Keras format.	13 NOVEMBER 2022
Train YOLOV3 Detector	Run the training script from within [YOLO-structure/2-Training] directory	13 NOVEMBER 2022

CLOUDANT DB

TITLE	DESCRIPTION	DATE
Register and Login to IBM Cloud	Register to IBM Cloudant and Sign in to IBM Cloud	18 NOVEMBER 2022
Create Service Instance	Select region as Dallas and Type an instance name then click on create service	18 NOVEMBER 2022
Creating Service Credentials	To create the connection information that your application connect to the instance click New credential	18 NOVEMBER 2022
Launch Cloudant DB	Register and login to IBM Cloud Create Service Instance Creating Service Credentials Launch Cloudant DB Create Database	18 NOVEMBER 2022

APPLICATION BUILDING

TITLE	DESCRIPTION	DATA
Building HTML Pages	Create HTML files and save them in the templates folder	18 NOVEMBER 2022
Building Python Code	Creating a function <code>get_Parent_dir()</code> to get Parent directory	18 NOVEMBER 2022
Run The Application	Open the anaconda prompt from the start menu and type "python app.py"	18 NOVEMBER 2022

IDEATION PHASE

TITLE	DESCRIPTION	DATA
Literature Survey	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.	13 OCTOBER 2022
Empathy Map for AI based localization and classification of skin disease with erythema	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements	07 OCTOBER 2022
Brainstorming idea Generation Priorization	List by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	07 OCTOBER 2022

PROJECT DESIGN PHASE-I

TITLE	DESCRIPTION	DATE
Problem Solution Fit	Prepare problem - solution fit document.	13 OCTOBER 2022
Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	29 OCTOBER 2022
Solution Architecture	Prepare solution architecture document.	13 OCTOBER 2022

PROJECT DESIGN PHASE-II

TITLE	DESCRIPTION	DATE
Solution Requirements	Prepare the functional requirement document.	03 NOVEMBER 2022
Customer Journey Map	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit).	03 NOVEMBER 2022
Data Flow Diagrams and User Stories	Draw the data flow diagrams and submit for review.	01 NOVEMBER 2022
Technology Stack	Prepare the technology architecture diagram	03 NOVEMBER 2022

PROJECT PLANNING PHASE

TITLE	DESCRIPTION	DATA
Milestone and Activity list	Prepare the milestones and activity list of the project	18 NOVEMBER 2022
Sprint Delivery Plan	Allocate Time for each and every functions	13 NOVEMBER 2022

PROJECT DEVELOPMENT

TITLE	DESCRIPTION	DATE
Project Development Delivery of Sprint-1, 2, 3 & 4	Develop and submit the developed code by testing it	14 NOVEMBER 2022