

MILESTONES AND ACTIVITY LIST

1. Project objective

- Project abstract

2. Problem statement

3. Proposed solution

4. Required software installation

- Python IDE
- IBM cloud
- IBM WASTON studio
- IBM CLOUD ANTDB
- YOLOv3 algorithm

5. Technical Architecture

6. Building project

- Install python IDE-Spyder/Pycharm IDE
- Install python packages
Tensorflow
Keras
OpenCV
VProgress Bar

7. Install Microsoft's visual object Tagging Tool (VOTT)

Download and install the version of your operating system.

8. TrainingYOLO

Downloadandconvertpre-trainedweights.

9. CLOUDANTDB

RegisterandLogintoIBMcloud

10. Createserviceinstance

11. LaunchCLOUDANTDB

12. Createdatabase

CreateDatasetfromscratch

13. Ideation PhaseLiterature surveyEmpathyMap

CanvasIdeation

14. Projectdesignphasel

- Proposedsolution
- Problemsolutionfit
- SolutionArchitecture

15. Projectdesignphasell ● CustomerJourney

- FunctionalRequirements
- Dataflowdiagram
- TechnologyArchitecture

16. Projectplanningphase

- PrepareMilestones&Activitylist
- SprintDeliveryplan

17. Projectdevelopment phase

- Projectdevelopment-deliveryofsprint-1
- Projectdevelopment-deliveryofsprint-2
- Projectdevelopment-deliveryofsprint-3
- Projectdevelopment-deliveryofsprint-4