ACTIVITY DESCRIPTION	STATUS	COMPLETION DATE
• **Project Management and preliminary activities**	In progress	Target – 15/05/2021
o Finalise project scope and objectives definition	**Completed**	**24/01/2021**
o Define project detailed outline/planning	**Completed**	**24/01/2021**
o Purchase, assemble and setup robot	**Completed**	**31/12/2020**
o Test robot / Apply basic training algorithm	**Completed**	**07/01/2021**
o Update deliverables/GitHub	In progress	Target – Monthly
• **Requirements Management Phase**	**Completed**	**31/01/2021**
o Define use case/technical requirements	**Completed**	**24/01/2021**
o Define Design Assurance requirements	**Completed**	**31/01/2021**
o Define high-level architecture	**Completed**	**31/01/2021**
• **Data Management Phase**	In progress	31/03/2021
o Prepare/print "runway" and "false target"	**Completed**	**28/02/2021**
o Generate the datasets (training/validation/test)	In progress	31/03/2021
▪ Take the pictures	In progress	31/03/2021
▪ Annotate the pictures	In progress	31/03/2021
▪ Generate dataset compatible with training algo	In progress	31/03/2021
• **Learning Process Management Phase**	Not started	Target – 30/04/2021
o Select key elements of the training algorithm(s)	Not started	Target – 30/04/2021
o Select metrics to be used for the verification phase	Not started	Target – 30/04/2021
• **Model Training Phase**	Not started	Target – 30/04/2021
o Train the model	Not started	Target – 30/04/2021
o Validate model using the validation dataset	Not started	Target – 30/04/2021
• **Learning Process Verification Phase**	Not started	Target – 30/04/2021
o Verify the operation of the model using the test dataset	Not started	Target – 30/04/2021
• **Model Implementation Phase**	Not started	Target – 30/04/2021
o Develop "classical software" modules:	Not started	Target – 30/04/2021
▪ For inference model output filtering	Not started	Target – 30/04/2021
▪ For inference model monitoring	Not started	Target – 30/04/2021
▪ For guidance	Not started	Target – 30/04/2021
o Develop software to be embedded on robot	Not started	Target – 30/04/2021
▪ Identify any transformation/optimization requirements	Not started	Target – 30/04/2021
▪ Implement transformation/optimization	Not started	Target – 30/04/2021
o Install inference model and "classical" software on robot	Not started	Target – 30/04/2021
• **Inference Model Verification Phase**	Not started	Target – 30/04/2021
o Verify inference model (behaviour/performance on the platform)	Not started	Target – 30/04/2021
• **Requirements Verification Phase**	Not started	Target – 15/05/2021
o Assess system performance wrt to technical requirements	Not started	Target – 15/05/2021
o Assess design process wrt to design assurance requirements	Not started	Target – 15/05/2021