Automating the Identification of UK Coarse Fish Robert Hunter X4545588		Project Start:	28/01/2023																									
		Display week:	4			18/02/2023					2	023					04/0	03/20	23					11/0	3/202	23		
				18 19 20 21 22 23 24					25 26 27 28 1 2 3				3	4	5	6 7 8 9 10 11 12 13 14 15							15	16				
TASK	START	DAYS	END	S	S	ΜΊ	W	/ Т	F	s	S M	Т	W	Т	F :	S	S	М	Т	W	T I	F S	3	S I	М	Г۷	N I	T F
Phase 1: ML model creation																												
Module reading	28/1/2023	7	3/2/2023																								Т	
Background research and gather resources	4/2/2023	7	10/2/2023																									
Finalise scope of project, start TMA01, lifecycle and plan	11/2/2023	7	17/2/2023																									
TMA01	18/2/2023	11	28/2/2023																									
Assignment reflection, Finalise resources update plan to reflect chosen lifecycle/s	1/3/2023	7	7/3/2023																									
nstall local ML environment and associated software look at TMA02 install Anaconda install TensorFlow, Keras and Jupyter check GPU is being used and test performance	8/3/2023	14	21/3/2023																									
Data preparation look at datasets (resourced) separate UK coarse fish add other datasets if lacking create test and train datsets adjust images to suit purpose	22/3/2023	14	4/4/2023																									
Create model. Begin TMA02 Begin TMA02 research suitable CNN model architecture																												
create basic CNN model	5/4/2023	14	18/4/2023																									
ΓMA02 · complete TMA02	19/4/2023	7	25/4/2023																									
Frain model and evaluate parameter tuning feature extraction cross-validation	26/4/2023	21	16/5/2023																									
Phase 2: Integration into mobile app																												
Finalise model evaluation and predictions tidy code retest	17/5/2023	14	30/5/2023																									
Start work on TMA03	31/5/2023	14	13/6/2023																									
Move model to cloud create OpenStack environment transfer model test using API's at this point?	14/6/2023	14	27/6/2023																									
nstall app creation software environment. TMA03 install Android Studio and relevant sofware	28/6/2023	7	4/7/2023																									
Create app. Start EMA design wireframe UI create basic app template test functionaliy of app	5/7/2023	14	18/7/2023																									
ntegrate model with app  API for app to communicate with the model	19/7/2023	14	1/8/2023																									
Refine app add extra requirements if needed	2/8/2023	14	15/8/2023																									
Review and final adjustments.	16/8/2023	21	5/9/2023																									
EMA	6/9/2023	6	11/9/2023																									
-INIA	0/9/2023	U	11/8/2023																									