Our brief is to develop a system that provides a conclusive classification of every image within a database using a series of pre-set details. We are provided with a large database of images taken from a wildlife reserve. They have all been assigned with multiple classifications describing the contents of the image. Our system will act as a function that takes the database as an input and outputs a new table with one, accurate classification for each image as well as search functionality. It is hoped that the project will serve as both an ecological education tool and a collection of useful scientific data to help better understand Britain’s wild mammals. Our task is to make the system more accessible for users and administrators.

A volunteer is provided with a motion triggered “camera trap” and is asked to go out into the reserve and attach it to a tree, recording all aspects of its positioning. They then return after a period of time to collect the camera and upload the photographs into the database.

The remainder of the document will outline the following points:

Our proposed goals –

Domain Analysis –

Proposed deliverables of the system –

Project Plan –

Identified Risks, Assumptions, Dependencies and Constraints –

Definition of terms –

Solution requirements –