



COLLEGE OF COMPUTING AND INFORMATION SCIENCES
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TREE CONSERVATION REPORT

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14/U/6840/EVE

1 Introduction

With the rampant rate of deforestation worldwide, the need to conserve tree species is fundamental in the world we live in order to have a healthy environment, since different tree kinds have different uses.

A report has been formulated to have a count of tree species in a given location, and their condition. The results of this report will help sensitise the locals of the specified areas on which trees they should strive to conserve.

The data will be collected manually using the form that I have designed and I will be explaining what data tools will be used to collect information, and how.

2 Data Form

This form will be able used to collect data on the trees, their condition and in the end, they can be used get a clear picture of how best we can be able to retain bird species.

2.1 English name of tree

This field will basically collect the name of the tree as is it commonly known in English.

2.2 Botanical name of the tree

This entry accepts the botanical name of the tree, that is, to specify the family and the species it belongs to.

2.3 Approximate Tree Height in metres

This field will take the approximate tree height as viewed by the observer.

2.4 Input GPS location of study

This will accept the location where the observation is being collected from.

2.5 Tree Condition




This will identify the condition of the tree, if it is in good condition or in a bad condition that may lead to its destruction.

2.6 Image of Tree

This field will be prompted to confirm the tree condition and the height.

3 Sample of data

Added for your viewing convenience is an example of the data collected.

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TreeName	BotanicalName	TreeHeight	Map Latitude	Map Longitude	Map Altitude	Map Accuracy	TreeCondition	MediaYes
River red gum	Eucalyptus camaldulensis	25-50	0.3978167	32.6242714	0.0	36.0	ConditionPoor	
Mango	Mangifera indica	0-25	0.3978174	32.6242703	0.0	42.0	ConditionGood	
White cedar	Cupressus lusitanica	25-50	0.3977415802536273	32.62431140989065	0.0	0.0	ConditionGood	
Umbrella tree	Maesopsis eminii	25-50	0.3319030691368854	32.566802836954594	0.0	0.0	ConditionGood	