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Informatics Institute Of Technology

Database Systems

5COSC020C.1

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## A.1) CONCEPTUAL ERD

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## A.2) Data Dictionary to document how I identified the entities

|  |  |
| --- | --- |
| Entity Name | Brief Description |
| Tourist | General term describing all tourists who arrange trips from ArchipelagoCrazy. |
| Boat | General term describing all boats which ArchipelagoCrazy use to provide services that tourist require. |
| Adventure | General term describing all adventures ArchipelagoCrazy provides. |
| Staff | General term describing all staff employed by ArchipelagoCrazy. |
| Island | General term describing all islands which ArchipelagoCrazy organizes trips. |
| Trip | General term describing all trips which ArchipelagoCrazy organizes. |
| Maintenance Record | General term describing all maintenance records which ArchipelagoCrazy. |

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| --- | --- | --- |
| General entity | Specialized entity | Brief Explanation |
| Boat | Larg Motorised | This boat type can carry higher number of passengers in it. This is mainly used to carry passengers from the mainland to the islands. |
| Boat | Small Motorised | This boat type can carry between only 6 to 8 people in it. And this is used to provides a local taxi service. |
| Boat | Paddle-propelled | This boat type is used carry passengers to more remote bays and creeks. |
| Adventure | Sea Adventure | A general name to describe all adventures which take place at sea. This entity has three more specialized entities. |
| Adventure | Land Adventure | A general name to describe all adventures which take place at land. This consists visiting landmarks and guided tours. |
| Sea Adventure |  |  |
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|  |  |  |