**Event App**

|  |
| --- |
| Visitor |
| * Id: int * Firstname: string * Lastname: string * Birthday: DateTime * Email: string * Phone: string * Ticket\_Id: int * Spot\_Id: int * RFID: int |
| + Visitor(int id, string fname, string lname, DateTime bd, string email, string phone, int ticket, int spot, int rfid)  + Tostring(): string |

|  |
| --- |
| Camping |
| * Camping\_id: int * Status: string |
| + camping (int id, string status)  + Tostring(): string |

|  |
| --- |
| Store |
| * id: int * name: string * listItems: List<Items> |
| + Store (int id, string name)  + getTotalItem(): int  + getStoreId(int id): Store  + getTotalProfit(): double  + getAllItem(): List<Items>  Total unit sold/loaned ??????? |
| Shop |
| * Name: string * Profit: double |
| + Shope (string name, double profit)  + Tostring(): string |

|  |
| --- |
| DataHelper |
| * visitor: Visitors * camping: Camping * shop: Shop |
| + DataHelper()  + getVisitorById(int id): Visitor  + getVisitorHistory(int id): List<string>  + getSpotById(int id): Camping  + getListOfVisitor(int spot\_id): List<Visitors>  + getItemById(int id): Item  + getStoreByName(string name): Shop |

|  |
| --- |
| Items |
| * item\_id: it * name: string * category: string * price: double * quantity: int |
| + Items(int id, string name, stirng category, double price, int quantity)  + Tostring(): string |

|  |
| --- |
| Interface IData |
| getTotal (string sql): double |

|  |
| --- |
| RentalItems |
| * deposit\_price: double * rentTime: Datetime * returnTime: Datetime |
| + RentalItems(double deposit, Datetime rentTime, Datetime returnTime) |

|  |
| --- |
| PurchaseItems |
| * purchase\_quantity: int * purchase\_time: Datetime |
| + PurchaseItems(int quantity, Datetime time) |

**Store App**

|  |
| --- |
| RentalItems |
| * deposit\_price: double * rentTime: Datetime * returnTime: Datetime |
| + RentalItems(double deposit, Datetime rentTime, Datetime returnTime) |

|  |
| --- |
| Items |
| * item\_id: it * name: string * category: string * price: double * quantity: int |
| + Items(int id, string name, stirng category, double price, int quantity)  + Tostring(): string |

|  |
| --- |
| Store |
| * id: int * name: string * listItems: List<Items> |
| + Store (int id, string name)  + getTotalItem(): int  + getStoreId(int id): Store  + getTotal Profit(): double  + getAllItem(): List<Items>  Total unit sold/loaned ??????? |

|  |
| --- |
| PurchaseItems |
| * purchase\_quantity: int * purchase\_time: Datetime |
| + PurchaseItems(int quantity, Datetime time) |

|  |
| --- |
| DataHelper |
| * store: Store |
| + DataHelper()  + ShowInfo(int id): void |