**Detail Design**

**On**

Hospital, Doctor, Diagnostic, Ambulance(HDDA)

**Course No: CSE 3204**

**Course Title: Software Engineering and Information System Project**

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**Class Admin**

boolean **Create\_A\_Admin (** String first\_name, String license number, Int nationalid**)**

admin **View\_Profile (** String admin\_id **)**

boolean **Edit\_Profile (** String id **)**

List<admin> **Get\_Admin\_list ( )**

**Class Hospital**

Boolean **create\_hospital (**string hospital name,int cabin availble**)**

Boolean **doctor facilities**(string doctor name,Time and date doctor\_visit time)

String **search**(string hospital)

Boolean **close**(string hospital)

**Class Diagnostic**

boolean **Create\_New\_ Diagnostic (** String f\_Name, String address,int phone number **)**

string **available\_Diagnostic (** String Diagnostic **)**

string **search\_ Diagnostic (**String Diagnostic**)**

List< Diagnostic> **Get\_All\_** **Diagnostic \_List ( )**

**Class Ambulance**

boolean **create\_ambulance(int** phone,string liense)

List<ambulance> **Get\_All\_ambulance\_List(** String ambulance\_Post\_Id **)**

**String** ambulance\_facilities(string facilities)

**Class Blood Donor**

boolean **Add\_blood\_donor(** String name, int phone number, String bloodgroup**,**date blood donatedate**)**

string **search(string** name**)**

**string delete(string blood donor)**