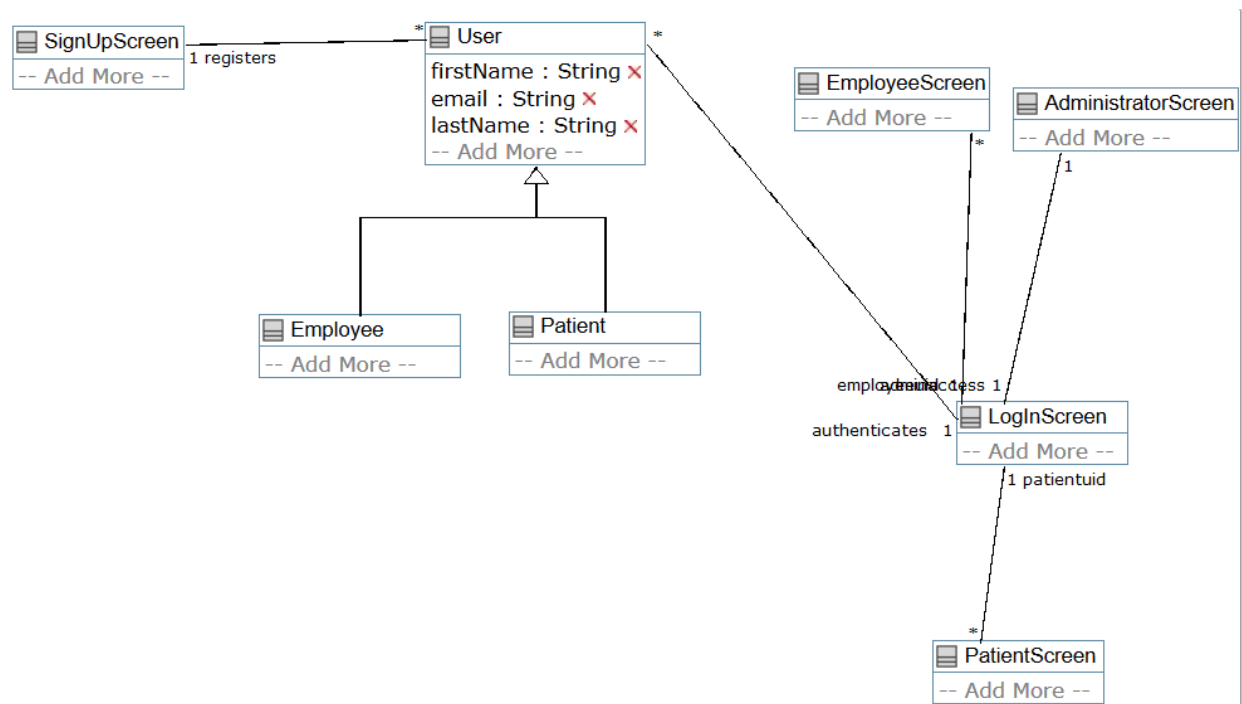


UML DIAGRAM



UMPLE CODE

```
class User
```

```
{
```

```
    firstName;
```

```
    email;
```

```
    lastName;
```

```
}
```

```
class Patient
```

```
{
```

```
isA User;
```

```
}
```

```
class Employee
```

```
{
```

```
    isA User;
```

```
}
```

```
class AdministratorScreen
```

```
{
```

```
}
```

```
class LoginScreen
```

```
{
```

```
    1 authenticates --* User;
```

```
1 employeeuid --* EmployeeScreen;  
1 patientuid--* PatientScreen;  
1 adminaccess --1 AdministratorScreen;  
}
```

```
class SignUpScreen  
{  
    1 registers -- * User;  
}
```

```
class PatientScreen  
{  
  
}
```

```
class EmployeeScreen  
{  
  
}
```

```
//${End_of_model}$?
```

```
namespace -;
```

```
class User  
{  
    position 282 11 140 91;  
}
```

class Patient

```
{  
    position 335 195 122 40;  
}
```

class Employee

```
{  
    position 176 197 128 40;  
}
```

class AdministratorScreen

```
{  
    position 656 53 143 40;  
}
```

class LogInScreen

```
{  
    position 620 252 109 40;  
    position.association LogInScreen__User 0,17 141,60;  
    position.association LogInScreen__PatientScreen 109,40 2,0;  
    position.association EmployeeScreen__LogInScreen 0,10 124,0;  
    position.association LogInScreen:authenticates__User 0,10 141,13;  
    position.association EmployeeScreen__LogInScreen:employeeuid 3,0 112,40;  
    position.association AdministratorScreen__LogInScreen 47,0 13,40;  
}
```

class SignUpScreen

```
{  
    position 19 14 109 40;
```

```
position.association SignUpScreen__User 110,31 0,30;  
position.association SignUpScreen:registers__User 110,10 0,10;  
}
```

```
class PatientScreen  
{  
    position 605 404 109 40;  
}
```

```
class EmployeeScreen  
{  
    position 517 40 124 40;  
}
```