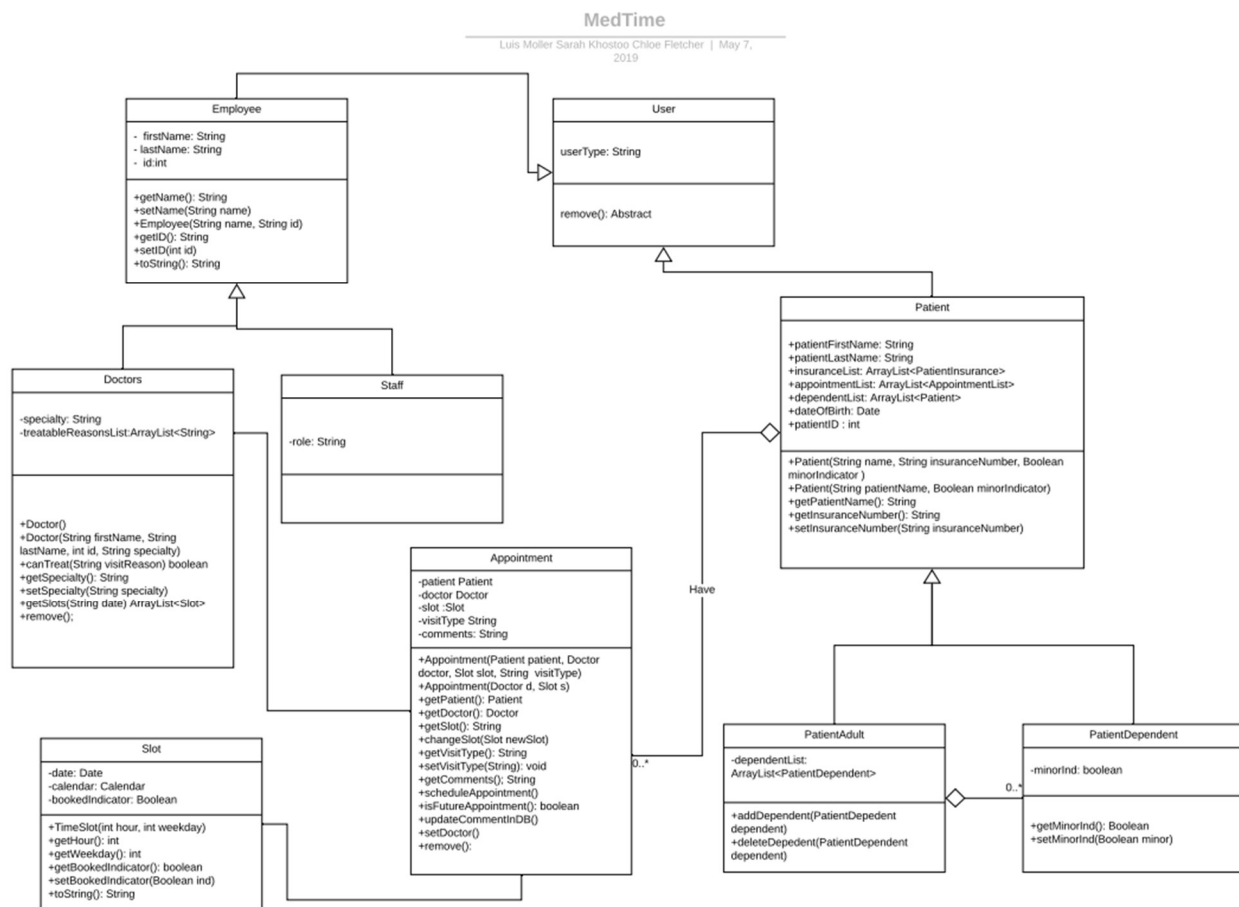


Class Diagram



Our program has 9 Classes. There is one abstract class **User** with two subclasses **Patient** and **Employee**. These are also superclasses. Each of these superclasses have 2 subclasses. The **Staff** class' subclasses are **Doctor** and **Admin**. Each **Appointment** also belongs to a **Patient** object and a **Slot** object. I.e. the **Appointment** class has a "have" relationship with **Patient** and **Slot**. Finally, a patient that is an adult may have dependents and each dependent has a guardian who is an adult, therefore a **PatientAdult** has a "have" relationship with **PatientDependent** as well. The **PatientDependent** objects will stored in **ArrayList** in the **PatientAdult** as necessary.