

P3. Final ERD (Logical Model)

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Link to Github:

<https://github.com/karshan26/HealthCare-Appointment-Booking.git>

Changes and comments on previous feedback:

- 1) Staff name as an attribute added.
- 2) Added identifier to service and notifications
- 3) Billing is a consolidated report of appointment fees, medication and other resources alongside with the taxation of what final amount the customer will pay to the hospital.
- 4) After every appointment, analytics and reports are produced to determine whether the patient has attended or not. It also includes feedback on the appointment duration and other information.

New changes in the Final ERD:

- 1) Implementing Referential Integrity Rule by establishing foreign keys for one to many relationships.
- 2) Eliminated many to many relationships with creation of Associative Entities.
- 3) Expanded the 'Appointment' entity into two distinct subtypes: 'Virtual' and 'In-Person', to showcase an understanding of disjoint subtypes within a context of total specialization.

