

Patient Management System

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Introduction

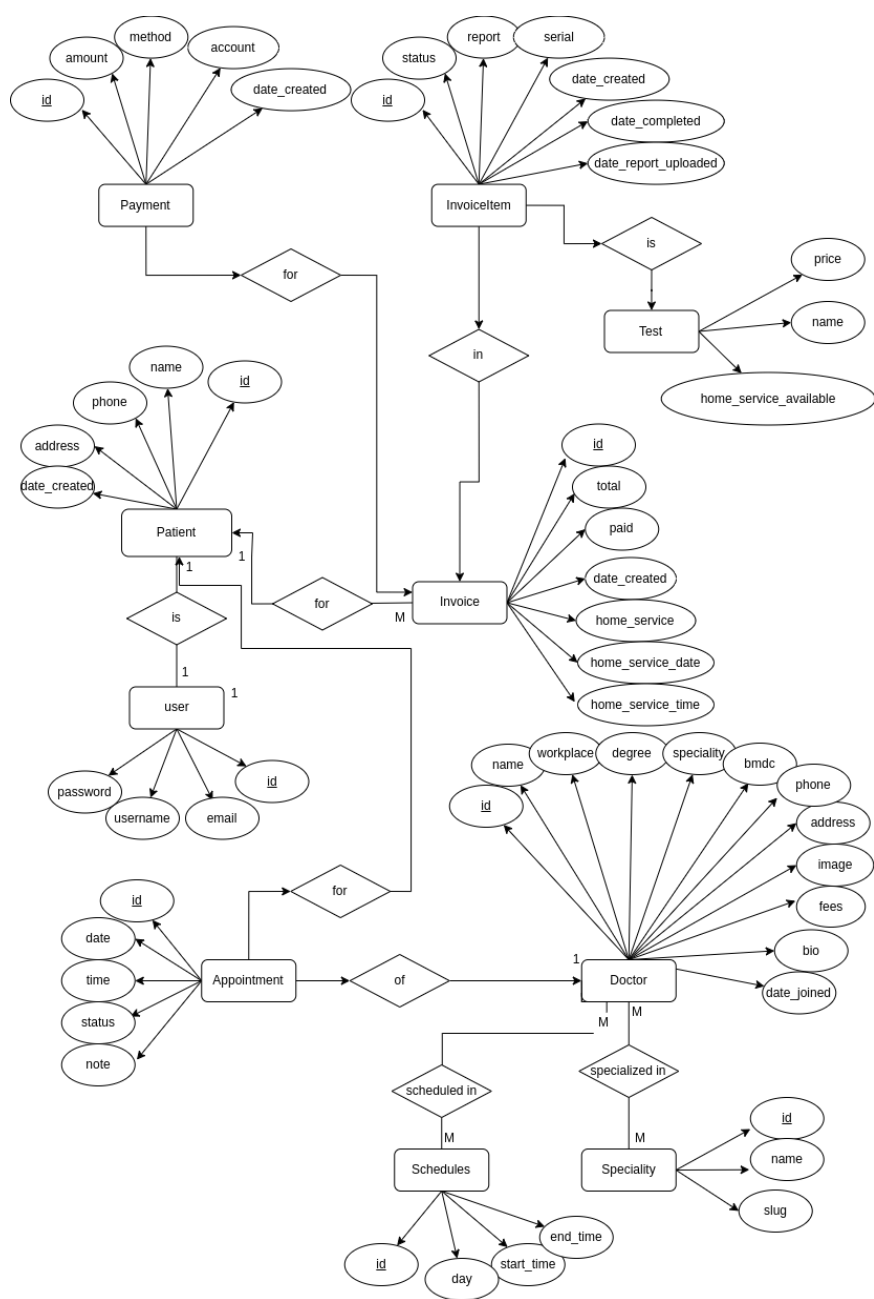
We introduce a web-based Diagnostic Center Management System focused on simplifying operations, patient-generated invoices, diverse service options, and financial insights using Django and related technologies.

The Problems

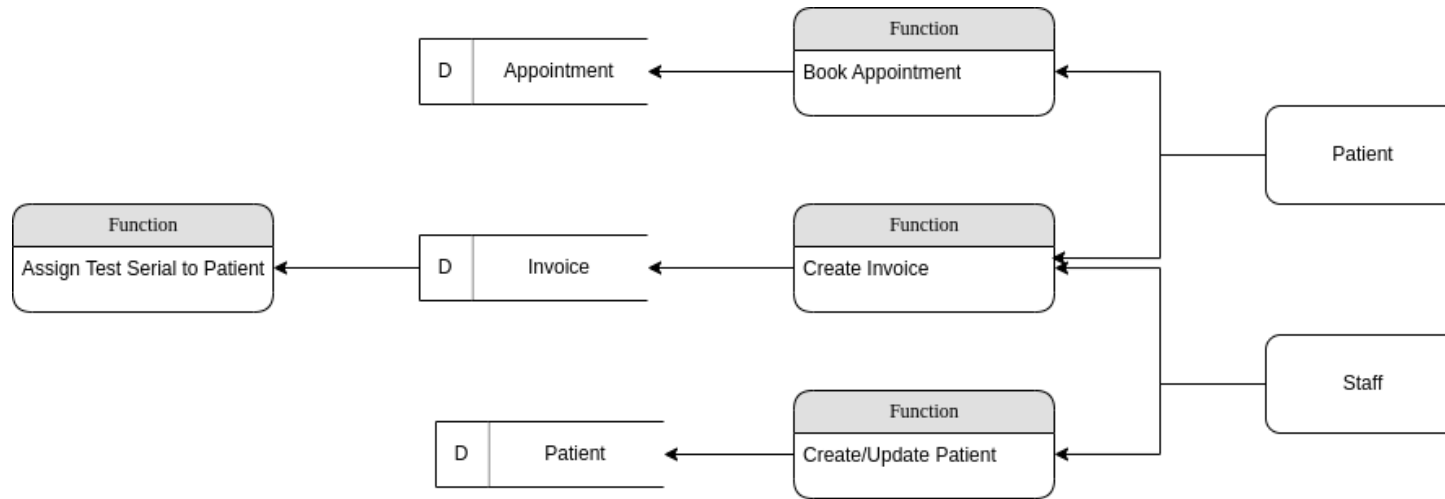
- **Administrative Overload:** Streamlining diagnostic center operations to reduce administrative workload.
- **Patient Queues:** Minimizing patient queues and wait times during visits.
- **Financial Insights:** Providing administrators with financial statistics for informed decision-making.

Project Objectives

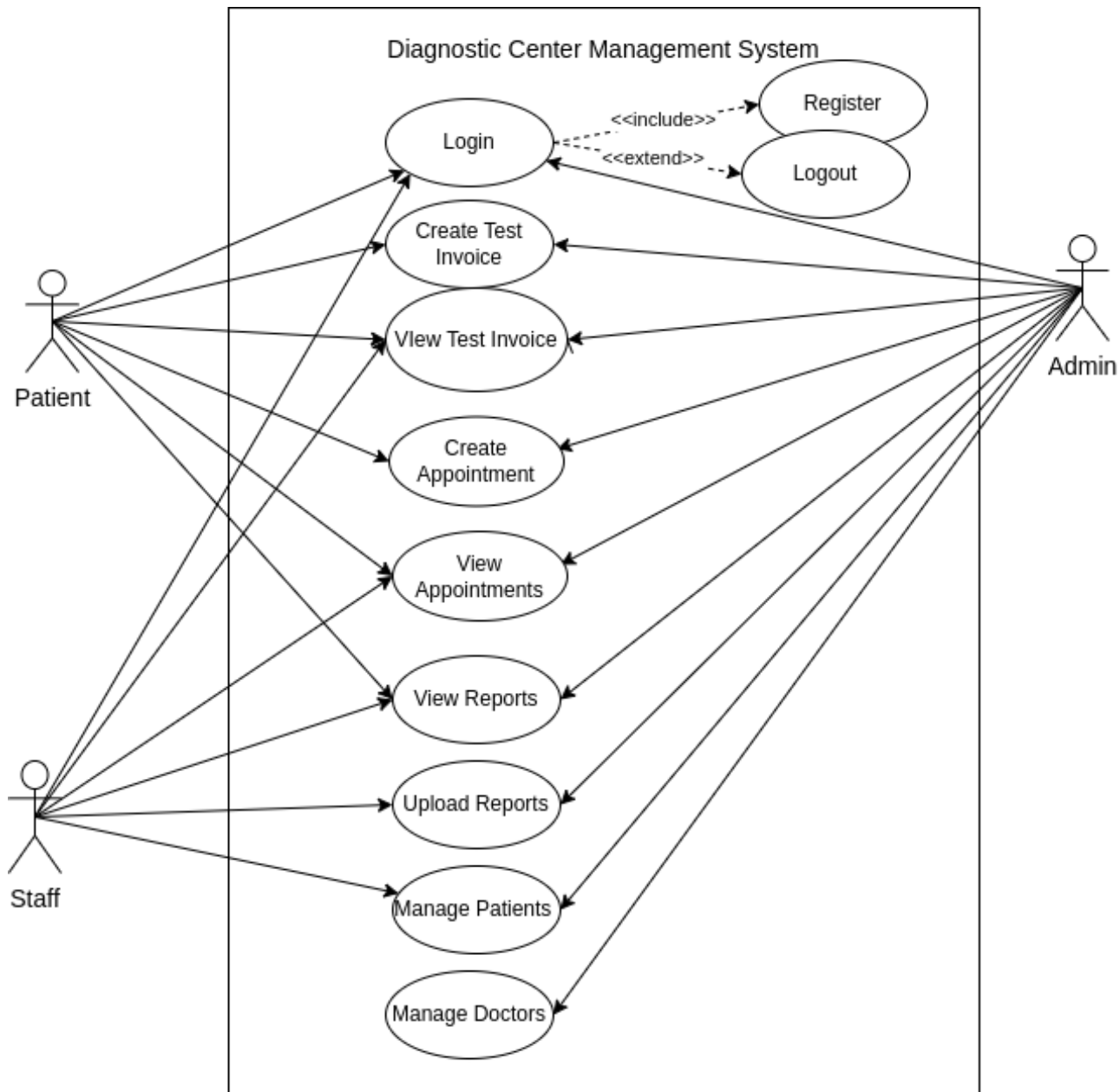
- **User-Friendly System:** Develop a user-friendly web application for diagnostic center management.
- **Empower Patients:** Enable patients to create invoices and manage appointments efficiently.
- **Enhanced Service Options:** Offer diverse service options, including telemedicine and mobile access.



ER Diagram



Data - Flow Diagram



Use Case Diagram

Limitations

- **Scope:** Limited to diagnostic center management; doesn't cover broader healthcare management.
- **Customization Effort:** Customizing for specific diagnostic centers may require additional development.
- **Language Support:** Initial version may not support multiple languages or localization.

Features

- Dedicated staff dashboard
- Dedicated admin dashboard.
- Automatic Serial Generation for every test.
- Patients can book doctor appointment from home.
- Patients can see their invoice history in dashboard.
- Patients can book test from home.

Future Works

- **Advanced Analytics:** Integrate advanced analytics for predictive analysis.
- **Telemedicine Expansion:** Expand telemedicine functionalities for remote consultations.
- **Mobile App Development:** Develop a dedicated mobile application for improved accessibility.

References

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Thank You
