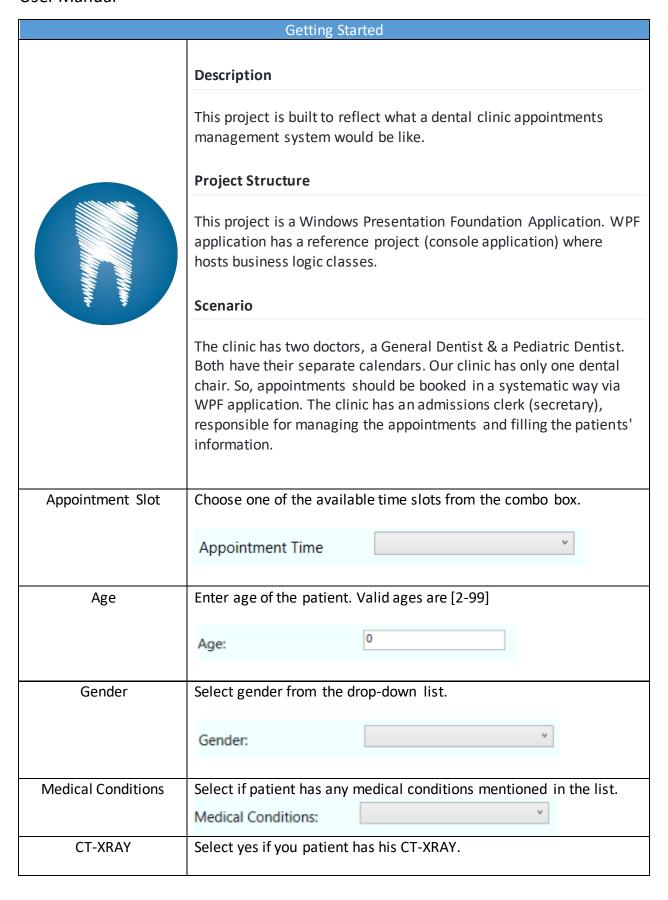
Dentist Appointment Management System

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User Manual



	CT-XRAY: O Yes O No
Treatment	Choose one of the services which patient requests for.
	Treatment:
Credit card	Make a payment for the appointment by taking 16-digit credit card number.
	Credit Card
Register	
	Create temporary patient and shows in Data Grid
Save	Save To book an appointment, save the appointment
Display	
	Display View the details of the patient.
Search	Search details of the patient by age

Use cases

Register: Admissions clerk selects appointment time, age, gender, medical conditions, CT- XRAY, treatment and credit card number.

Display: Clerk views the details entered.

Save: Clerk saves all the details entered.

Search: Clerk views all the details by priority.

Fully Dressed use cases

Use case 1

Use case Name: Save Appointment

Scope: Booking an appointment online

Primary actor: Admissions clerk

Stake holder and Interests:

User wants to book a dental appointment.

Clerks takes the details of the patient and books an appointment.

Preconditions:

Clerk enters the details in the respective fields.

Success guarantee (Post conditions):

Appointment is successfully booked.

Main success scenario:

- 1. Clerk inputs all the valid details.
- 2. Clerk books an appointment for the patient.

Extensions:

Clerk enters the age which is out of range.

a. Age field box will become red in color.

Clerk enters the credit card number in invalid format.

a. Credit card field turns red in color.

Use case 2

Use Case Name: Display details

Scope: Booking appointment online

Primary actor: Clerk

Stake holder and Interests:

Clerk wants to view the details accurately with out any errors.

Preconditions:

Clerk must register and an appointment save before displaying any details.

Success guarantee (Post conditions):

Details are displayed successfully in the data grid with out any errors.

Main success scenario:

- 1. User registers an appointment
- 2. User views the entered details.

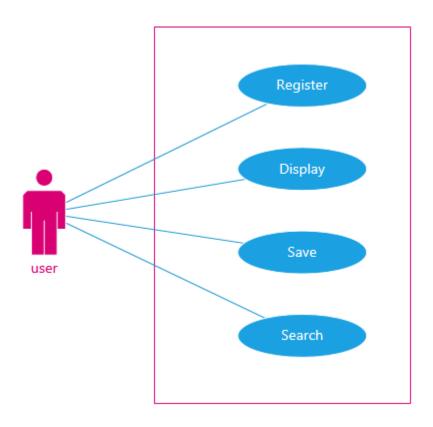
Extensions:

Clerk clicks display button before registering or saving an appointment.

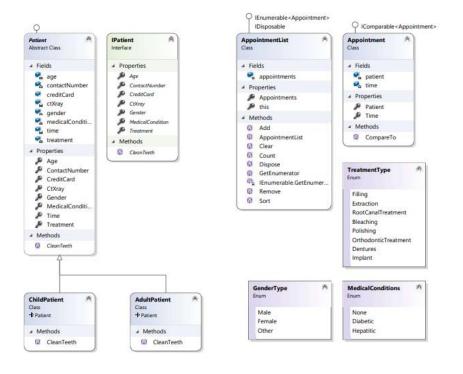
a. No data is displayed on the screen.

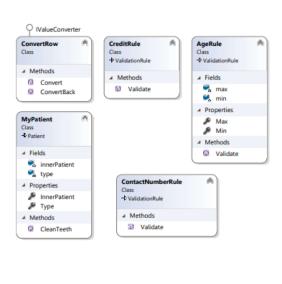
UML Diagrams

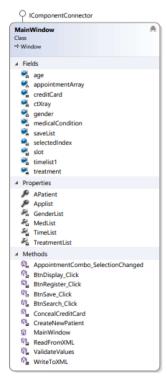
Use Case Diagram



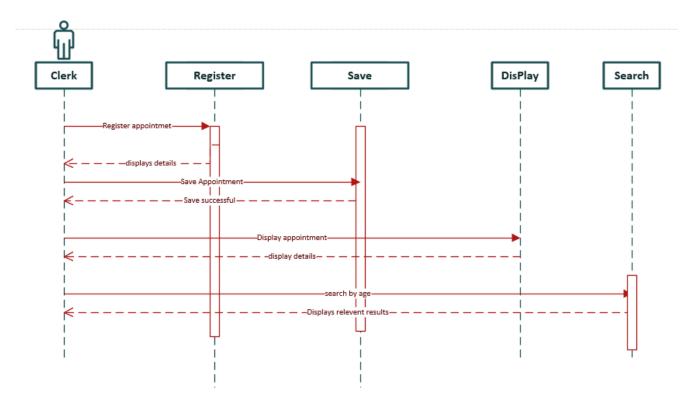
Class Diagrams



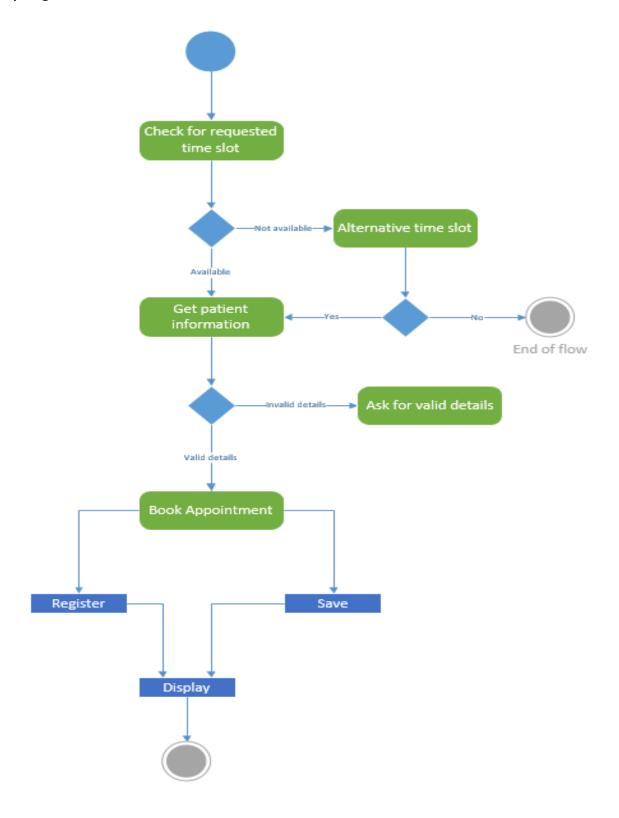




System Sequence diagram



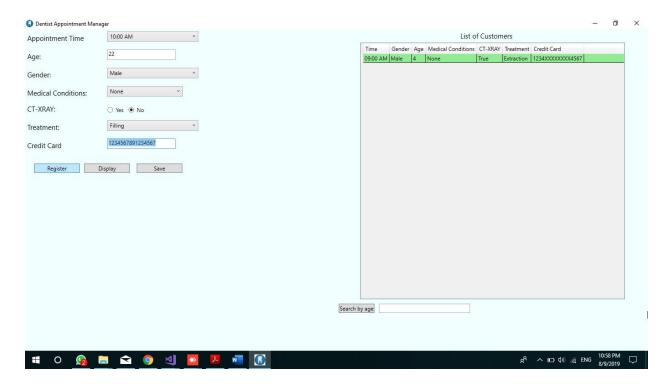
Activity Diagram



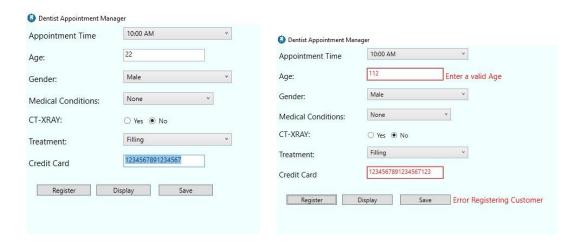
User Interaction and design

This project is built to reflect what a dental clinic's appointments and patient's management system would be like.

GUI Screenshots

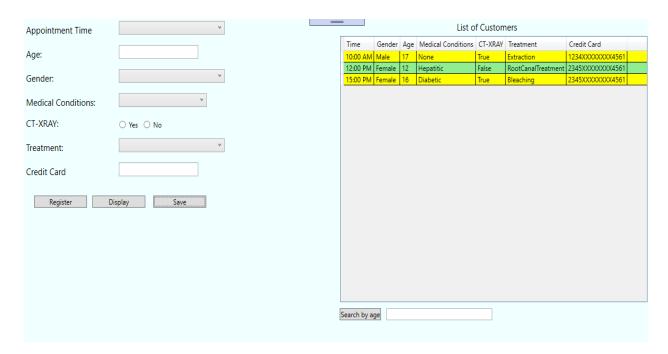


Error is handled when the data is invalid.

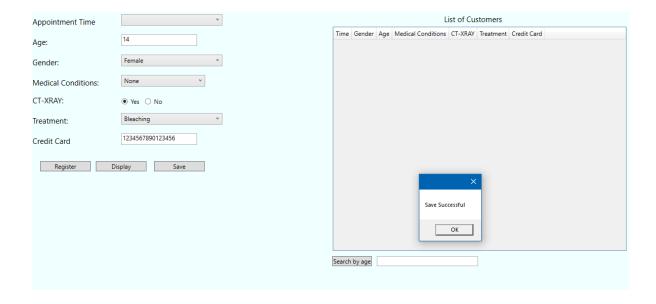


If the patient's age is 15 and above will be considered as Adult patient and age less than 15 is considered as a child patient.

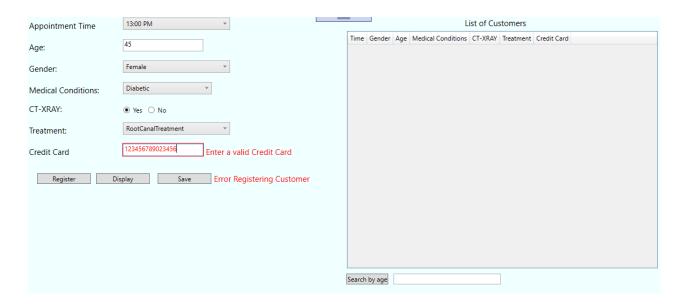
Details of child patient is displayed in green whereas adult patient details are displayed in yellow color.



When clerk saves an appointment with out any errors, it will be saved successfully.



Error has been handled by displaying a message to the clerk.



Filter appointments by age



Sort Appointments by Age

Before Sorting



After Sorting

