

Software Design Specification

for

Automated Timetable Generator (ATG)

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Table of Contents

1 Project Design/Architecture

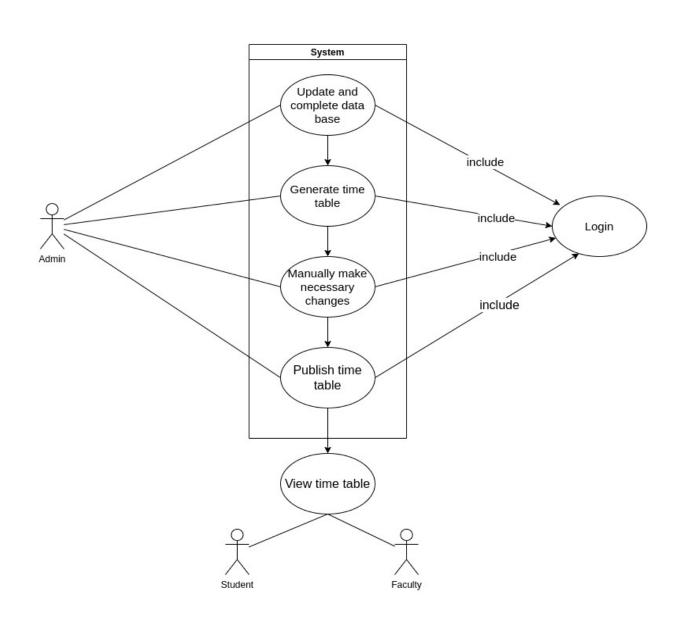
- 1.1 Use Case View
- 1.2 Logical View
 - 1.2.1 Class Diagram
- 1.3 Development View
 - 1.3.1 Component Diagram
- 1.4 Process View
 - 1.4.1 Sequence Diagram(Make Changes to Database)
 - 1.4.2 Sequence Diagram(Generate Time Table)
 - 1.4.3 Activity Diagram
- 1.5 Physical View
- 1.6 User Interface Design
 - 1.6.1 Login Page
 - 1.6.2 Home Page
 - 1.6.3 Course Entry Page
 - 1.6.4 Time Table Generated Page

Project Design/Architecture

- 4+1 Architectural view model
 - Use case view
 - Logical view
 - Development view
 - Process view
 - Physical view
 - User Interface Design

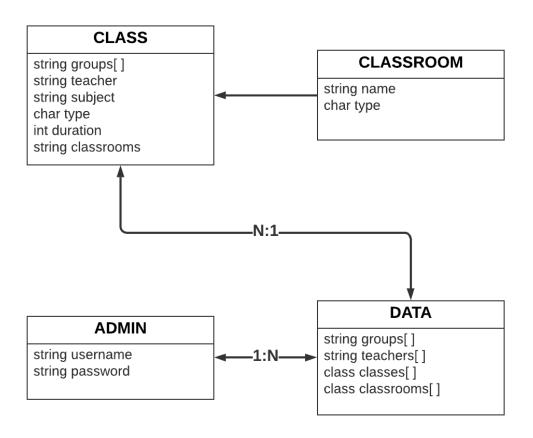
1. Use Case View

Administrative users can make changes to the database while students and faculty can only view the generated time tables.



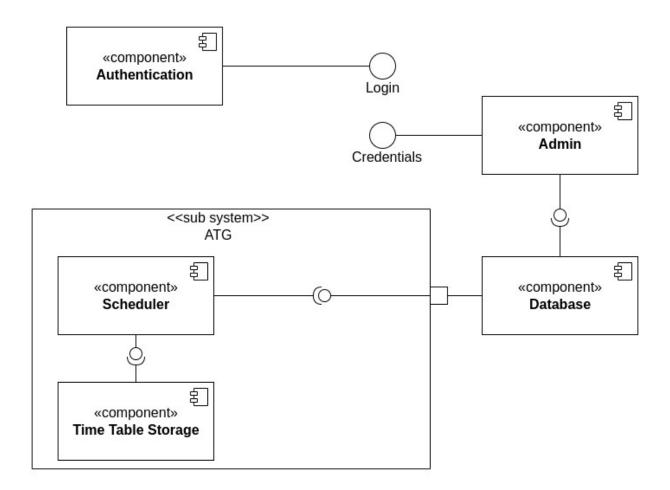
2. Logical View

1. Class Diagram



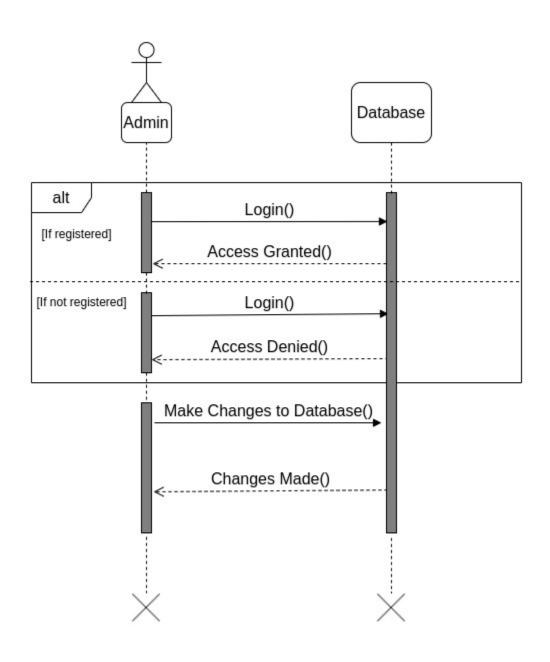
3. Development View

1. Component Diagram

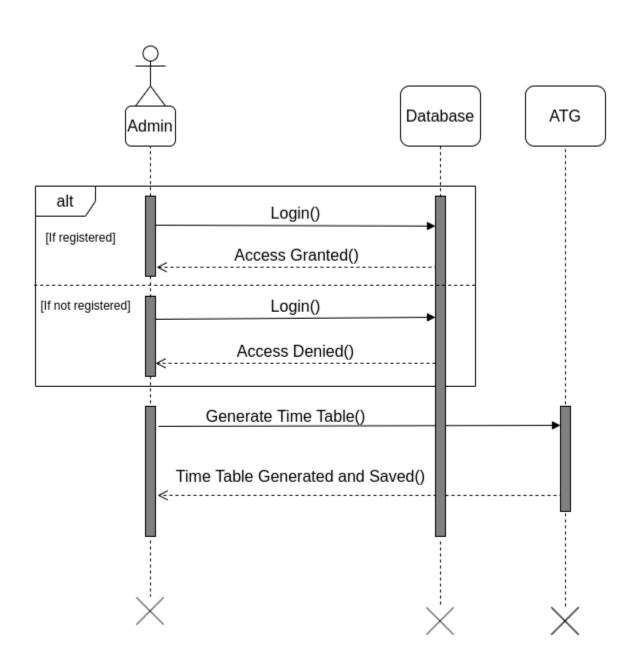


4. Process View

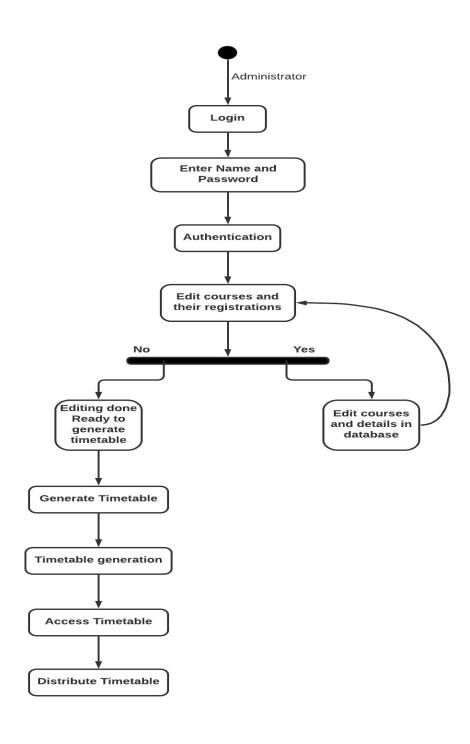
1. Sequence Diagram(Make changes to Database)



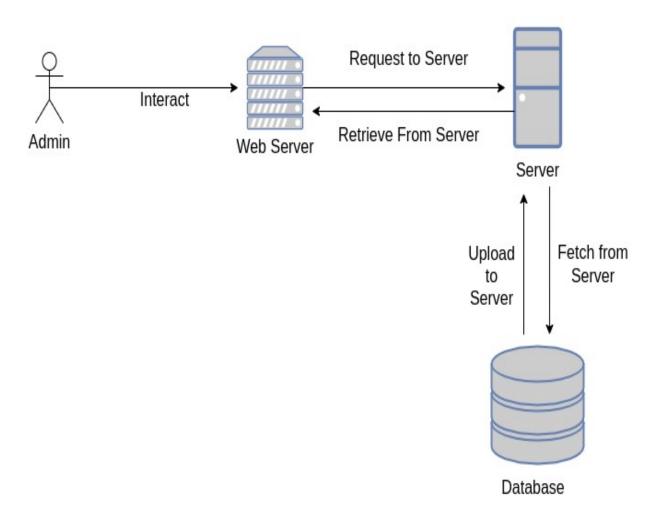
2. Sequence Diagram(Generate Time Table)



3. Activity Diagram

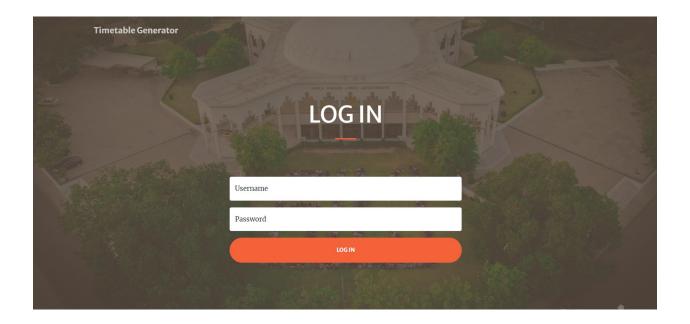


5. Physical View



6. User Interface Design

1. Login Page



2. Home Page



3. Course Entry Page

Timetable Generator		Logout About
	Course —	
	Code	
	Credit Hours	
	Instructor	
	Group	
	Faculty FCSE	
	Lab •	
	Lab Instructor	

4. Time Table Generated Page

