Daycare Project
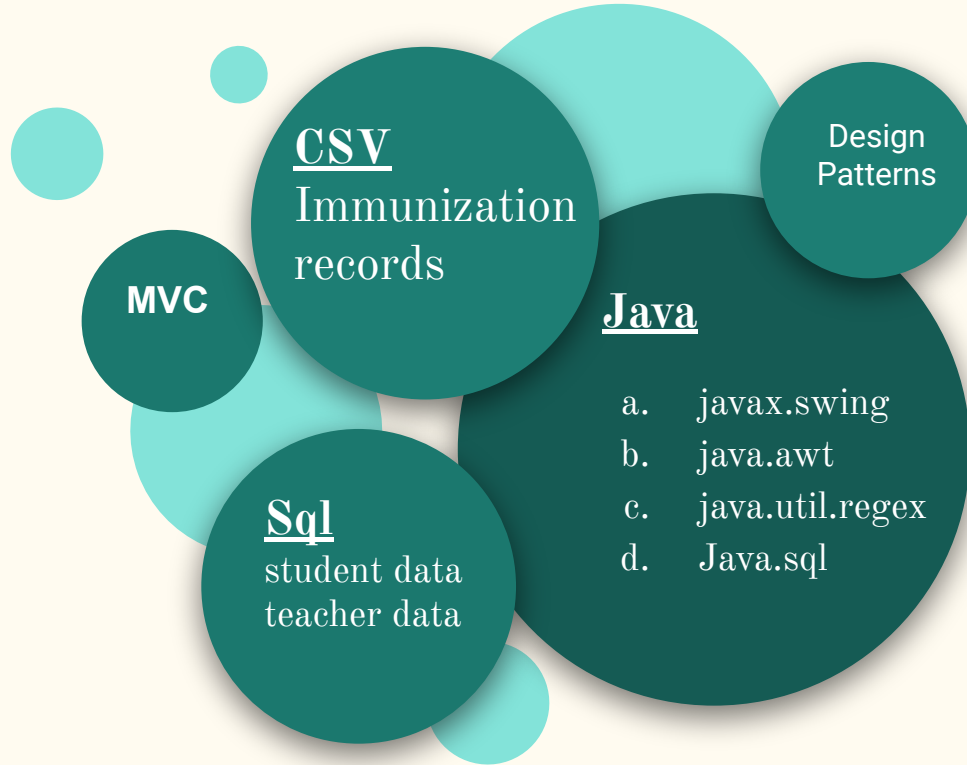
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Team 7

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Technology Stack

CSV
Immunization records

MVC

Design Patterns

Java

a. javax.swing
b. java.awt
c. java.util.regex
d. Java.sql

Sql
student data
teacher data

Functionalities

Admin Login

New Student Enrolment

Student - Teacher association

Student Immunization

Teacher Reviews

Using the SwingUI, **admin** has to use username and password to **login** to the system.

The SwingUI **captures student information** like student name, age and information of its parents. Data is also fetched from csv. This enrolment data is then **stored to the database** using java.sql

Based on the state regulations students are assigned to teachers.
Teacher : Student ratio is calculated using student age.
Students and teachers are **assigned classrooms** based on state regulations.

Complete information of **student's immunization** is taken from parents and **stored in database** for future references.
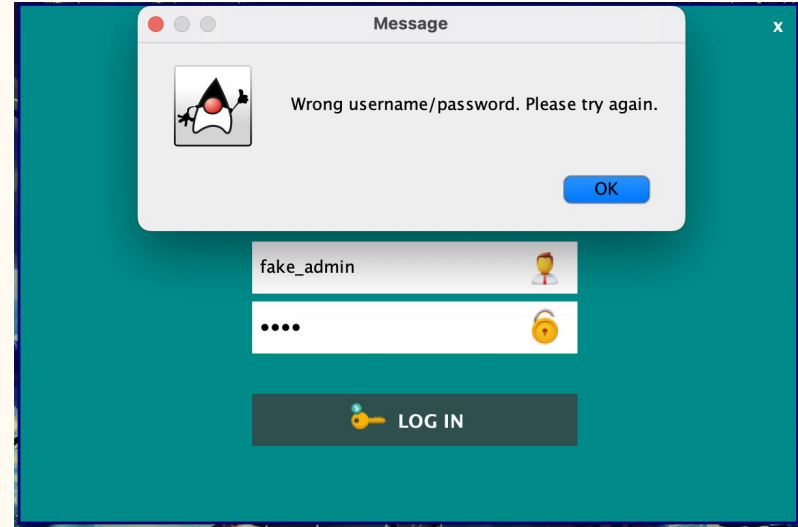
Each **teacher's reviews are showcased** on swingUI when searched with teacher id.

Project Screenshots
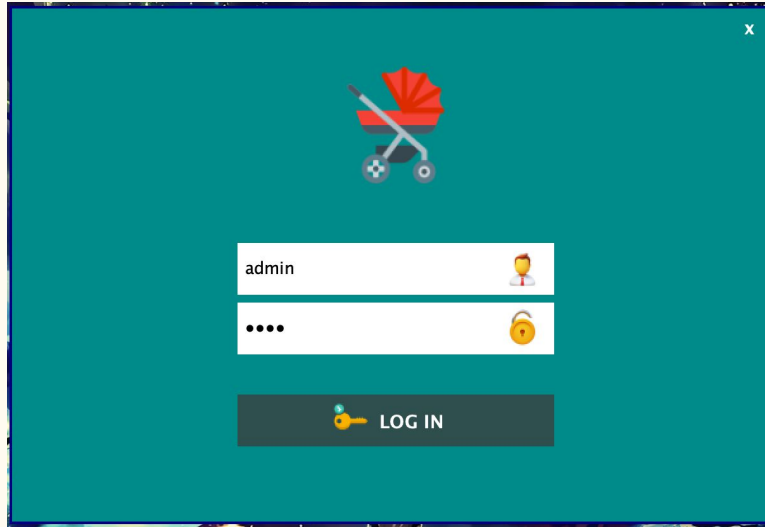
Successful Login

Unsuccessful Login

Student and Teacher Registration Form

Data Validation in the form fields

Student Data

ID	FirstName	LastName	Age	MotherNa...	FatherName
1	Akshay	Parab	5	Evans	Chris
2	Kaushik	Gnanasekar	6	Hemsworth	Chris
3	Shivam	Thabe	17	Ruffalo	Mark
4	Tanmay	Upadhyay	14	Renner	Jeremy
5	Simran	Pandey	26	Romanoff	Natasha
6	Stuti	Debhar	27	Olsen	Elizabeth
7	Shreya	Sudhanva	38	Smulders	Cobie
8	Ritika	Rao	37	Jackson	Sameul L
11	Shivaaaa	Thabes	24	MOM	VJ
15	Ajay	Kamble	22	Ritika	Akshay

Students table

Teacher Data

ID	FirstName	LastName	Review
1	Sardar	Khan	review
2	Faizal	Khan	Average
3	Ramadhir	Singh	Good!!
4	Sultan	Qureshi	
8	Angela	Braganza	
9	Angela	Schrute	

Teacher table

HOME
STUDENTS
TEACHERS
CLASSROOMS
ALERTS
SIGNOUT

Classroom

ClassID	Student	Teacher
1	AkshayParab	SardarKhan
	KaushikGnanasekar	
	DwightSchrute	
2	ShivamThabe	FaizalKhan
	TanmayUpadhyay	
	AjayKamble	
3	SimranPandey	RamadhirSingh
	StutiDebhar	
4	ShreyaSudhanva	SultanQureshi
	RitikaRao	

Classroom view

Record of all the alerts.

User Sign out process

Contributions

Akshay Parab:
Classroom assignment, model of the User and Classroom, mysql database handling.

Kaushik Gnanasekar:
Immunization rules and records tracking, model, controller.

Madhura Kurhadkar:
UMLs, Teacher reviews, Admin login.

Nilaykumar Patel:
Fixed defects and GUI design of the project.

Shivam Thabe:
Swing Gui, Views and controllers to display classroom, student, teacher data.