

DayCare Management System

Team members:

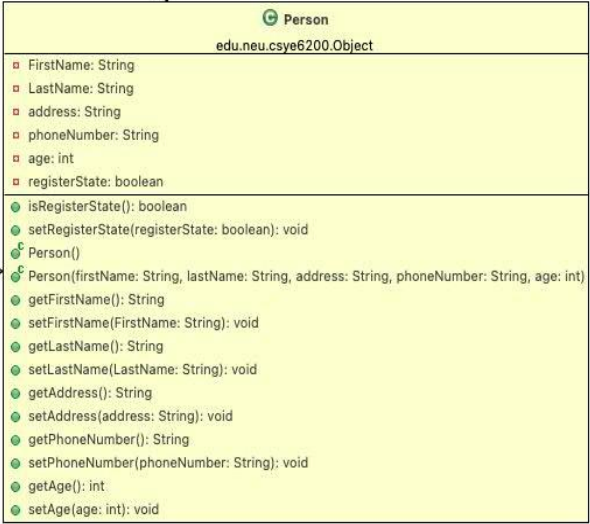
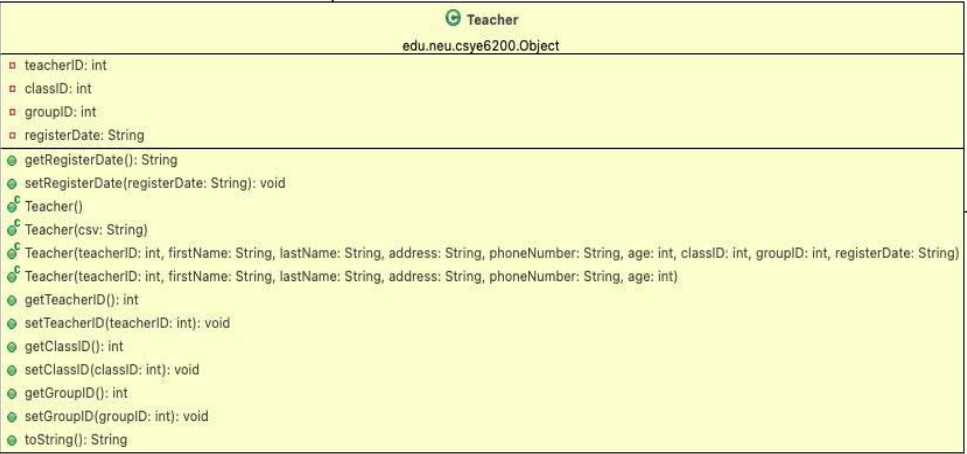
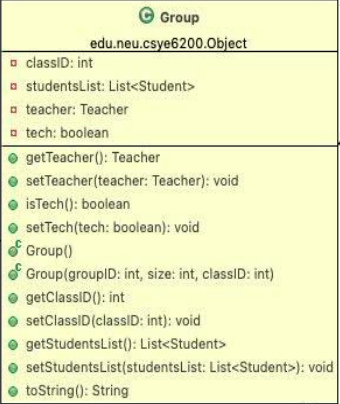
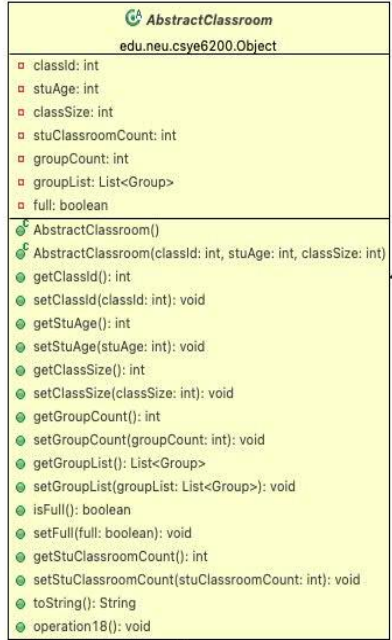
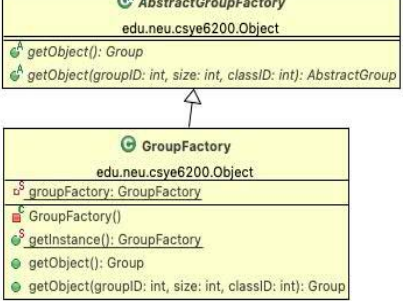
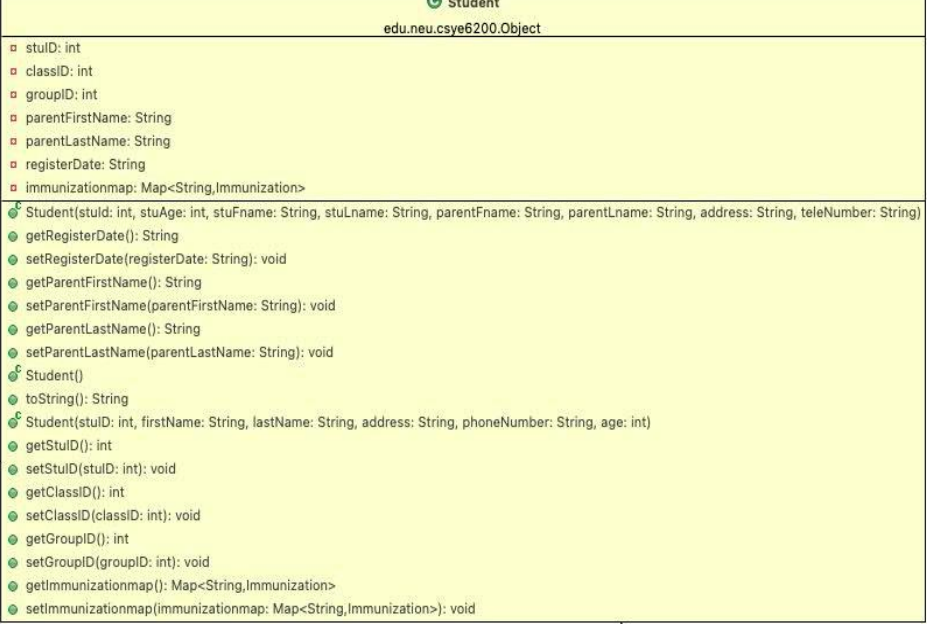
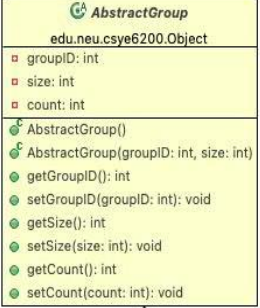
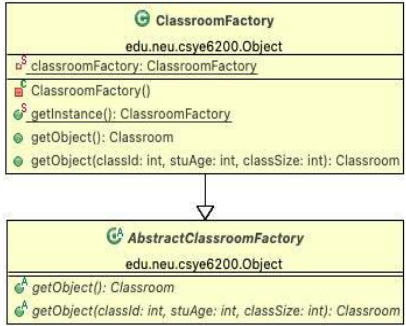
Shuting Dai

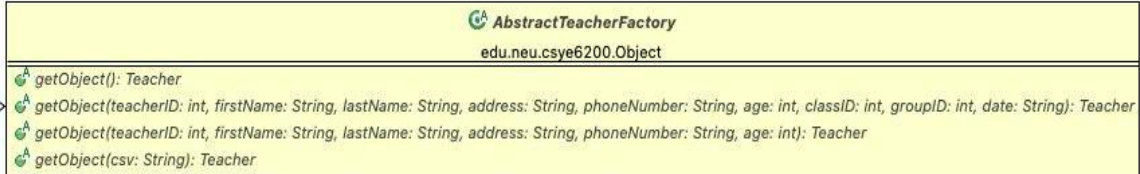
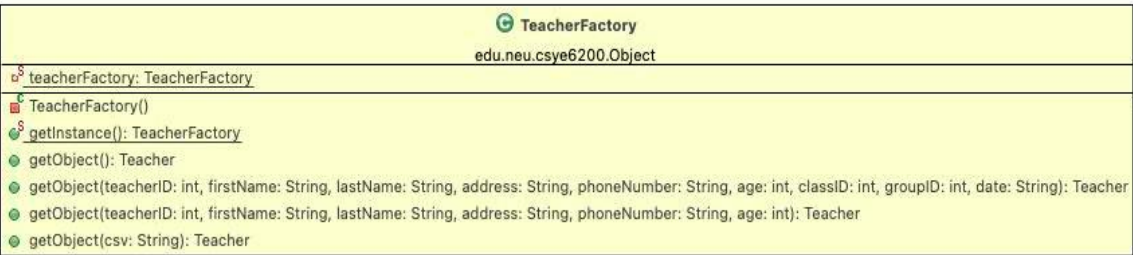
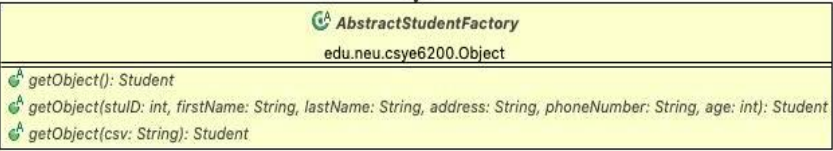
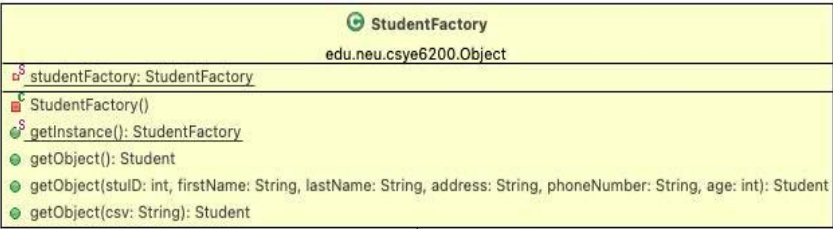
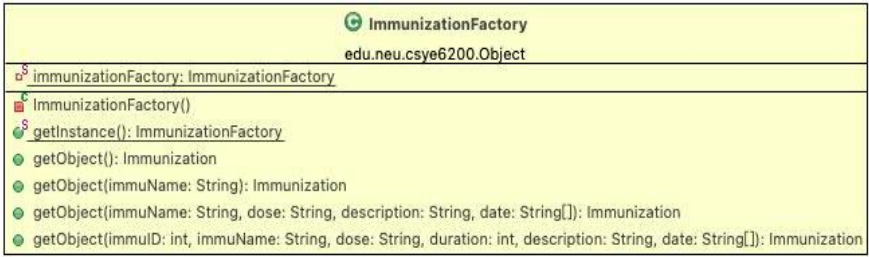
Qiushi Zhang

Yining Chen

Technology

- CSV
- Factory Design Pattern
- Object Oriented Design: Inheritance, Polymorphism, Abstraction, Encapsulation
- Exception
- UML
- S.O.L.I.D
- Java Swing
- File System



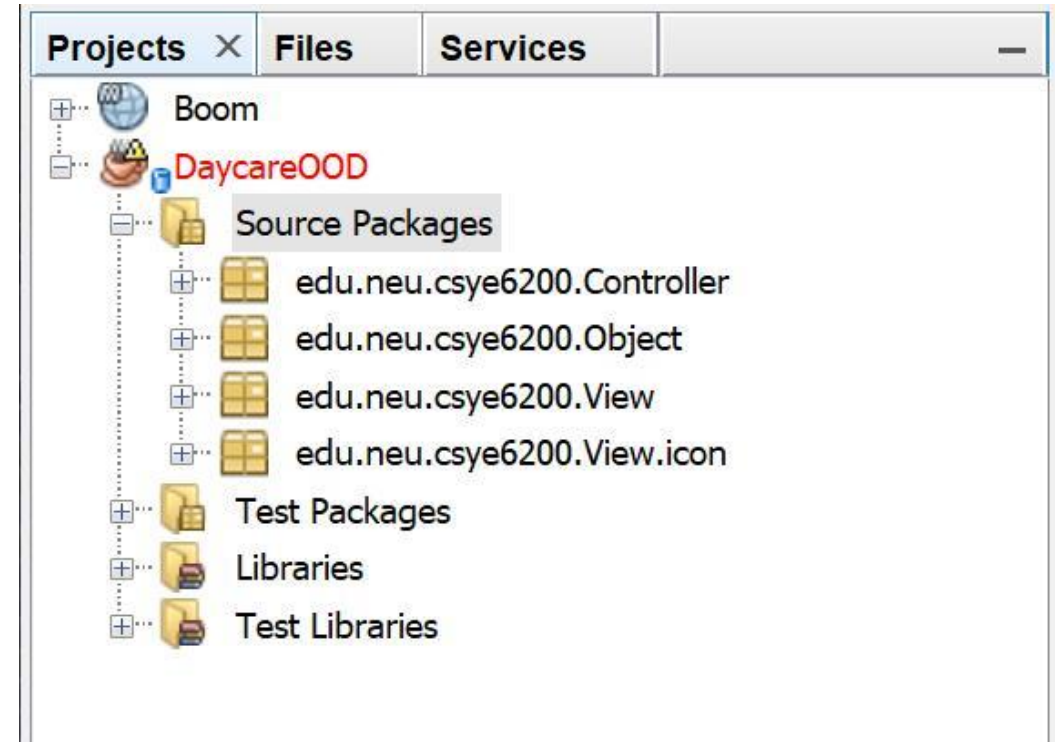


Program features:

- Objects from CSV files
- Assign students to teacher according to the regulations
- Assign student/teacher groups to classrooms
- Easy to track immunization anniversaries
- Develop alert for upcoming overdue dates
- Develop annual employee review and registrations.

MVC Design Pattern

Model View Controller



New Student registration

Day Care

New Student Register

Personal Information

Student ID:

First Name:

Last Name:

Age:

Address:

Phone Number:

Parent First Name:

Parent Last Name:

Birthday

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Immunization Record

	Dozen1	Dozen2	Dozen3	Dozen4	Dozen5
Hepb	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
DTaP	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Hib	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MMR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
IPV	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
VAR	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Meningococcal	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Register

Day Care

Teacher Information Management

Teacher ID	First Name	Last Name	Age	Hire Date	Phone No.	Address
1	Dan	Peters	25	2021-04-26	867-543-1234	MainStNO163
2	Jacky	Chen	22	2021-04-28	867-543-1235	MainStNO160
3	Clar	Johns	21	2020-04-13	867-543-1236	MainStNO160
4	John	Harris	20	2020-04-13	867-543-1237	MainStNO160
5	Richard	Robin	24	2020-04-13	867-543-1238	MainStNO160
6	Gaseeya	Hllen	27	2020-04-13	867-543-1239	MainStNO160
7	Riky	James	28	2021-04-28	867-543-1240	MainStNO160
8	Ethan	George	30	2021-04-28	867-543-1241	MainStNO160

Teacher ID:

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Message

Teacher should be reviewed !

OK

Day Care

Students Registration List

Student ID	Name	Age(Months)	Phone Number	address	ParentName	Registerdate	Birthday
10001	Kelly Karren	12	857-360-1155	MainStNO131	Logan Karren	4/30/2020	20200420
10002	Paul George	23	869-110-3465	MainStNO132	Jacob George	4/26/2021	20190520
10003	Leborn James	62	310-468-4789	MainStNO133	Ethan James	4/26/2021	20160101
10004	Steven Curry	32	538-417-6867	MainStNO134	Dell Curry	4/26/2021	20160101
10005	Alvin Bill	12	673-574-5782	MainStNO135	Jayden B	4/26/2021	20160101
10006	Markie Jane	48	547-468-1682	MainStNO136	Ryan Jan	4/26/2021	20160101
10007	Kobe Bryant	26	364-476-3642	MainStNO137	Jessin B	4/26/2021	20160101
10008	Devin Robin	40	569-483-5698	MainStNO138	Aron Ro	4/26/2021	20160101
10009	Bobby Higgins	29	457-367-3683	MainStNO139	Christop	4/26/2021	20160101
10010	Mike Christin	14	479-478-4792	MainStNO140	Jorden Christin	2/13/2020	20200210
10011	Cathey Methew	12	482-593-5793	MainStNO141	Samuel Methew	2/13/2020	20200411

Student ID:

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Message

Student should register again!

OK

Alerts for student's and teacher's annual registration

Alert for student's immunization overdue

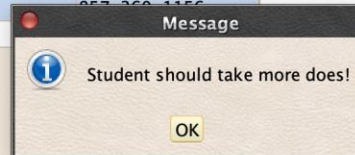
Day Care

Teacher & Student Group Report

Teacher ID:

Teacher Name:

Student ID	Student Name	Age(Months)	Parent Name	Phone Number
10019	Smith Peters	11	Shawn Peters	479-478-4793
10020	George Lucas	8	Eillige Lucas	857-368-1156
10031	David Cooper	12	Alex Cooper	



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View Immunization Record

Day Care

Student Immunization Record

Student ID:

Student Name:

Immunization ...	1st Dose	2nd Dose	3rd Dose	4th Dose	5th Dose	No. of Does Re...
Haemophilus i...	20201020	20201220	20210220	0	0	4
Measles mump...	20201020	20201220	0	0	0	2
Inactivated pol...	20201020	20201220	20210220	20210420	0	4
Varicella (VAR)	20201020	20201220	0	0	0	2
Meningococcal	20201020	20201220	0	0	0	2
Diphtheria teta...	20201020	20201220	20210220	20210420	0	5
Hepatitis B(He...	20201020	20201220	20210220	0	0	3

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Update

Reference

The background of the slide is a large, irregular splash of orange and red watercolor paint on a white background. The splash is centered and has a soft, textured edge with some darker spots and a gradient from light orange to a deeper red-orange. The text "Thank you" is centered within this splash.

Thank you