Description	What goes into it

Admin Controller	
Allows managing user and modules	Controller, CSV Data manager, User, Module, Lecturer

CSV Data Manager	
Uses the CSV utils auxiliary class to translate all the model classes into csv data and vice versa	CSV Utils

CSV Utils	
Auxiliary class with only static methods used to perform operations on CSV files such as read or write	N/A

Conflict Checker	
Checks for overlaps in the schedule	Session

Controller	
Provides CSV data manager to all children	CSV Data Manager

Lecturer	
Has lecturers name, id and sessions they teach	Session, Lecturer Type

Lecturer Controller	
Constructs a new lecturerController and initialises it with the data manager	Controller, CSV Data Manager, Lecturer

Lecturer Type	
Stores the lecturer types	N/A

Module	
Has a modules name, code, lecturers, and all the hours needed	Lecturer

Module Controller	

Controls modules on the timetable by adding and removing them, also adds and removes lecturers	Controller, Module, Csv Data Manager

Module Offering	
Represents the module entity in the timetable	Session, Student Group, Module

Room	
Representation of the room	Room Type

Room Controller	
Creates and deletes rooms and gets their ID	Room, CSV data manager

Room Type	
Stores the different types of rooms	N/A

Schedule Generator	
Generates the timetable for all the subjects per semester	CSV Data Manager, Timetable, Session, Module, Student Group

Session	
Contains important variables for class scheduling	Session Type, Module, Room, Lecturer, Student Group

Session Type	
Contains the session types	N/A

Student Group	
Represents a student group for a specific subject and year, also stores the sessions that this group attends.	Subjects, Subjects Year, Session

Student View	
Let students view their own timetable and others.	User controller, Student group, Timetable controller, View

Subject Controller	

Constructs a new subjectController and initialises it with the data manager	CSV Data manager, Subjects

Subjects	
Stores the subjects name, code and year	Subjects year

Subjects Year	
Gives the module offering for the specific semester	Module Offering

Timetable	
Allows students view their own timetable and others	Session

Timetable Controller	
Gets timetables for the students, lecturers, rooms, subjects and modules	Timetable, Lecturer, Session, Student Group, Room, Subjects, Module

User	
Has the user's ID, name and password	User Type

User Controller	
Provides login and user management using the users loaded by CSV Data manager	User, CSV data manager

User Type	
Contains user types	N/A

View	
Provides essential methods for other views	Timetable controller, Session

Lecturer View	
Let the lecturers view their timetable	User Controller, View, Timetable controller

Admin View	

Let the admins view their timetable	User Controller, View, Timetable controller

CLI View	
Start view, connects all the other views	User Controller, View, Timetable controller, Lecturer View, Student View, Admin View

Main	
Loads the managers and the required views	CSV Data manager, Schedule generator, Timetable, Timetable controller, User Controller, Student view, Lecturer View, Admin Controller, Admin View, CLI view