**Objective: To create a timetable for a school**

Classes: Jr Kg, Sr.Kg, 1st

Divisions: A,B,C,D

School Start Time:

Jr.Kg, Sr.Kg: 10:15 AM

1st: 8:15 AM

School End Time:

Jr.Kg, Sr.Kg: 2:15 PM

1st: 2:15 PM

Period Duration: 30 mins

Lunch Break:

Jr.Kg, Sr.Kg: 12:45 - 1:15 PM

1st: 9:25 - 9:45 AM, 12:45 - 1:15 PM

Assembly:

Jr.Kg, Sr.Kg: Tuesday, 10:45AM

1st: Tuesday, 10:45AM

Period Allotment and Teacher Subject Mapping is listed here:

<https://docs.google.com/spreadsheets/d/1GZ6XZGkQuc9XJN0cJRstQTObCFTv_xVBsDHU-ui1bh4/edit?usp=sharing>

Video to explain the project in detail:

<https://www.veed.io/view/ae6a2bdd-9bdd-4c8b-9bf1-7bdf30e87299?panel=share>

A sample timetable of Class 1A for reference:

<https://drive.google.com/file/d/1hZK2cj9puq59MkmTYljD6KVHPB6ukFsS/view?usp=sharing>

Final Objective: Create timetables for Jr.Kg, Sr.Kg and 1st standard for all the divisions.

We will be evaluating based on the following criteria:

(1) Ability to work with the provided data and produce the timetable

(2) Ability to make valid assumptions wherever necessary

(3) Whether the generated timetable is following all provided constraints

(4) Whether the subjects in the timetable is assigned to an appropriate teacher

(5) Reproducibility of code files used to generate the timetables