

Group:8

EXAM SEATING ARRANGEMENT

Project Guide:
Mrs.Swapna H

Team Members:

Sanyo Shan S
Yadu Krishnan
Dhansh A S
Shazad Khan

OBJECTIVES:

- To maintain a centralized manner of exam system with minimum cost.
- To reduce the number of resources required to conduct exams so the staffs required will also be reduced.
- Avoiding seat overlapping.
- Making sure that there are no empty seats.

PROGRESS IN WORK



ADD/DELETE DATABASE

SEMESTER 1

R1

R2

M1

M2

C1

C2

T

E

SEMESTER 2

SEMESTER 3

SEMESTER 4

SEMESTER 5

SEMESTER 6

STUDENTS

SUBJECTS

CLASSES

NEW SEMESTER

DROP SEMESTER

S1R1

ADD

REMOVE

EDIT

Name

RollNumber

Register Number



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ADD/DELETE DATABASE

SEMESTER 1

SEMESTER 2

SEMESTER 3

SEMESTER 4

SEMESTER 5

SEMESTER 6

MECH

CSE

CIVIL

ECE

EEE

SEMESTER 7

SEMESTER 8

STUDENTS

SUBJECTS

CLASSES

ADD DEPARTMENT

DELETE DEPARTMENT

CSE

ADD

REMOVE

EDIT

CORE

MINOR

HONORS

ELECTIVE

COURSE NAME

COURSE CODE

C PROGRAMMING

CST100



ADD/DELETE DATABASE

ADMIN BLOCK

SACRED HEART BLOCK

ST.XAVIER'S BLOCK

ST.JOSEPH'S BLOCK

ABC BLOCK

STUDENTS

COURSES

CLASSES

ADD BLOCK

REMOVE BLOCK

ADMIN BLOCK

ADD

REMOVE

EDIT

HALL NAME

NUMBER OF SEATS

AD203

50

AD205

50

AD209

50

AD210

50

AD303

50



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EXAM ALLOCATION

SELECT SUBJECTS >

SEMESTER 1

MECH

CSE

CIVIL

ECE

EEE

SEMESTER 2

SEMESTER 3

SEMESTER 4

SEMESTER 5

SEMESTER 6

SEMESTER 7

SEMESTER 8

Note: Select the subjects for the examination

Search

CSE

	COURSE NAME	COURSE CODE
<input type="checkbox"/>	C PROGRAMMING	CST100
<input type="checkbox"/>	LINEAR ALGEBRA AND CALCULUS	MAT101
<input type="checkbox"/>	ENGINEERING CHEMISTRY	CYT100
<input type="checkbox"/>	ENGINEERING PHYSICS	PHT100
<input type="checkbox"/>	LIFE SKILLS	HUN101
<input type="checkbox"/>	BASICS OF MECHANICAL AND CIVIL ENG	EST130

SAVE



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EXAM ALLOCATION

SELECT SUBJECTS > ASSIGN STUDENTS >

☐ SERIES

☒ SEMESTER

Note: Assign the students to their corresponding subjects.

CLASS	COURSE CODE	STARTING REG-NO	ENDING REG-NO	CUSTOM
S1CSE	CST100	MCE22CS001	MCE22CS120	
S1CE	MAT101	MCE20CE001	MCE22CE099	
S3CSE	CST203	MCE20CS001	MCE20CS120	
S7CSE	CST413			ENTER REG-NO
				MCE19CS002,
				MCE19CS002,
				MCE19CS002

PROCEED



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EXAM ALLOCATION

SELECT SUBJECTS > ASSIGN STUDENTS >

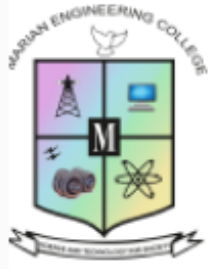
☒ SERIES

☐ SEMESTER

Note: Assign the students to their coresponding subjects.

CLASS	COURSE CODE	SECTION	STARTING ROLL-NO	ENDING ROLL-NO	CUSTOM
S1CSE	CST100	R1	01	44	
		R2	01	43	
S1CE	MAT101	C1	01	30	
		C2	01	30	
S3CSE	CST203	R1	01	35	
		R2	01	37	
S7CSE	CST413	R1			01,02,...
		R2			ENTER REG-NO
TOTAL				335	

PROCEED



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EXAM ALLOCATION

SELECT SUBJECTS > ASSIGN STUDENTS > ADD CLASSES

ADMIN BLOCK

SACRED HEART BLOCK

ST.XAVIER'S BLOCK

ST.JOSEPH'S BLOCK

ST.PAUL'S BLOCK

☐ SELECT ALL

Note: Add the classes available for conducting exam

Search

ADMIN BLOCK



HALL NAME

NUMBER OF SEATS



AD203

50



AD205

50



AD209

50



AD210

50



AD303

50

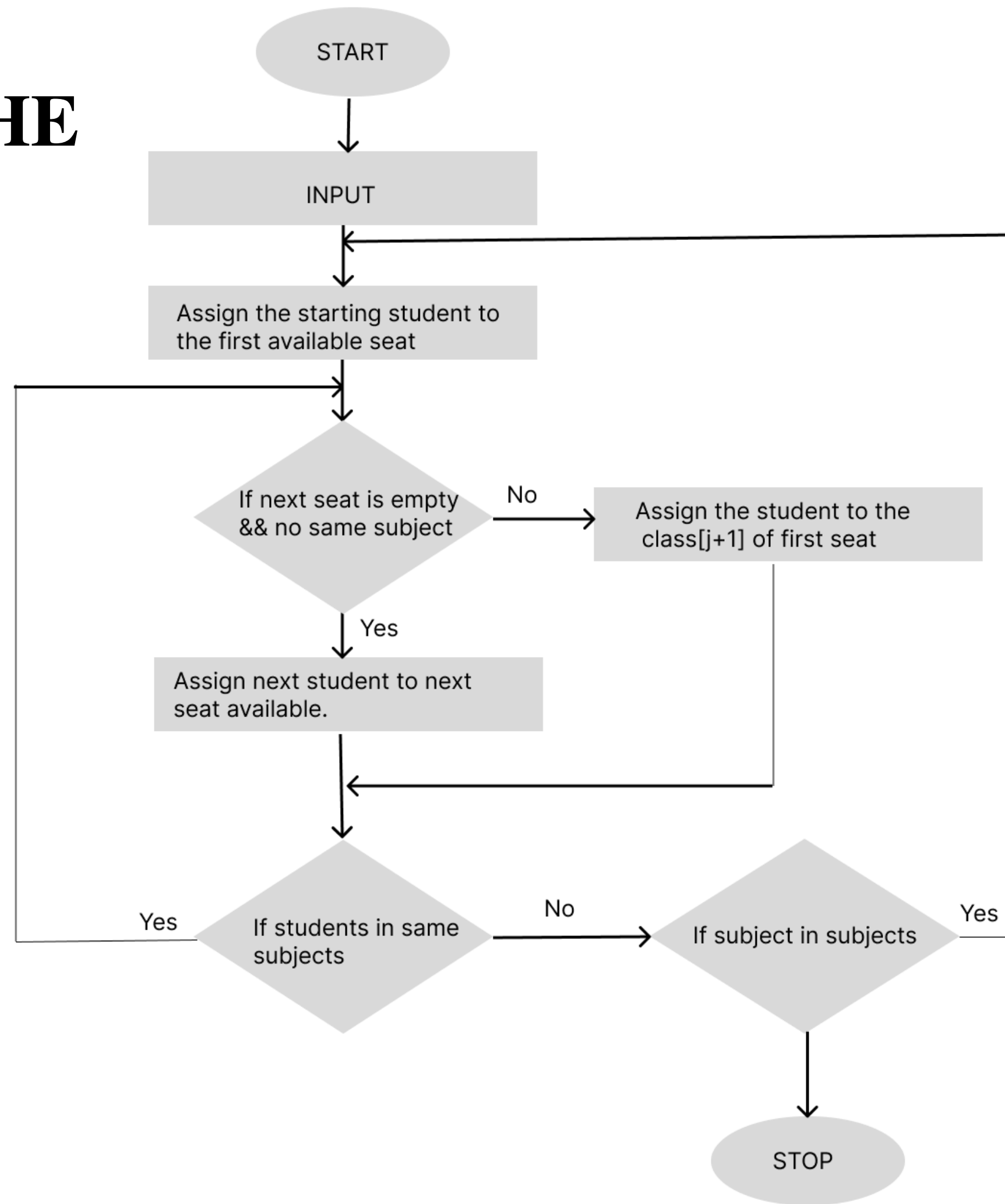


AD309

50

SUBMIT

FLOWCHART OF THE SYSTEM



TECHNOLOGY STACK

FRONTEND: HTML,CSS,JAVASCRIPT

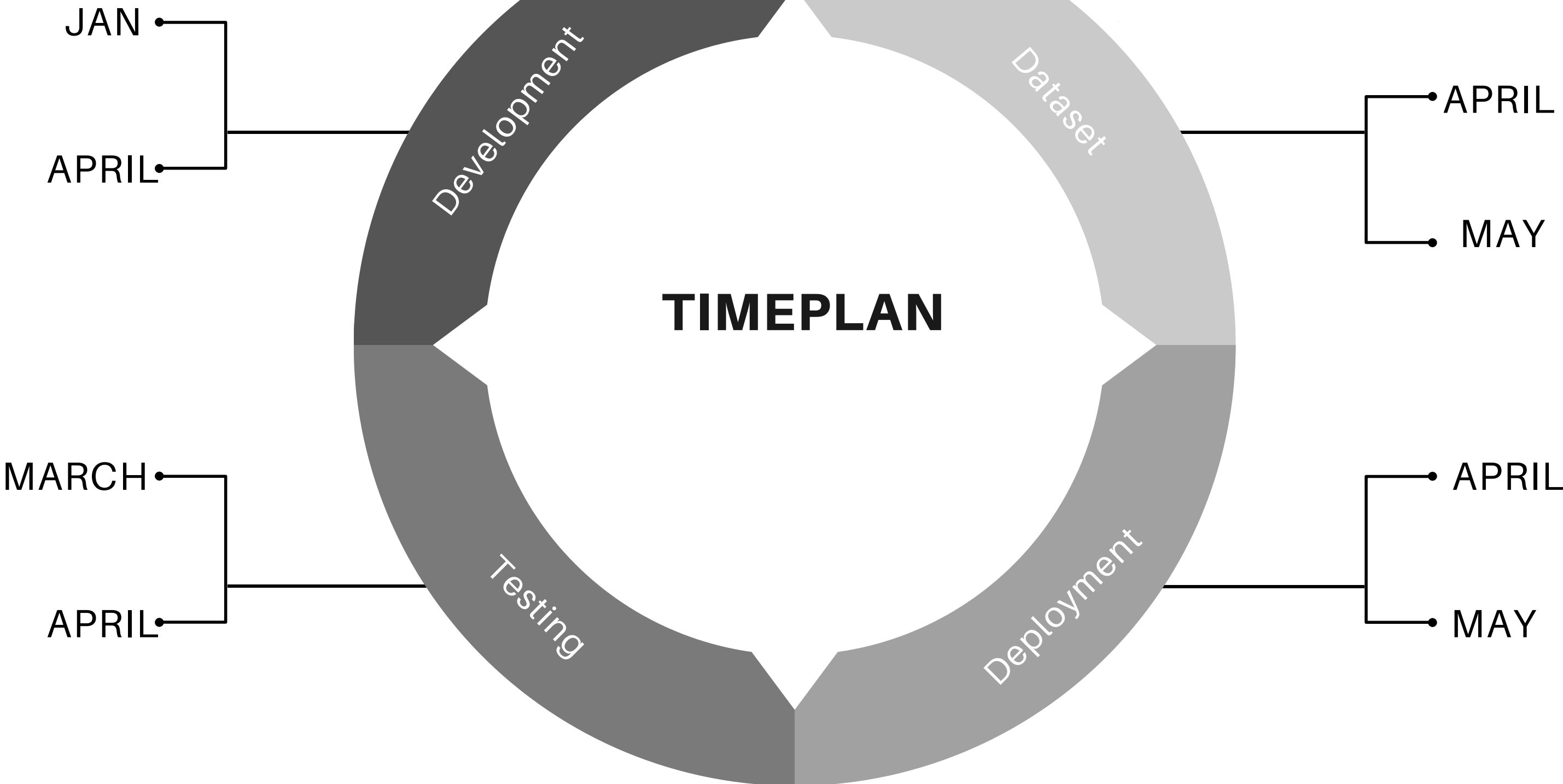
BACKEND: NODEJS

DATABASE: DJANGO

RESULTS

- It allots the seats for the students during exam hence reduce the work involved by the administration to do the work.
- The project gives optimum results of the resources used and the number of staff required during the exam time.

FUTURE TIMEPLAN



THANK YOU