

ScheduleIT

Make time for planning;
wars are won in Generals Tent.

- Stephen Covey

A Project By

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Introduction

- Time is a single most Important thing, **Planning it** with precision makes all the difference.
- There is a certain **degree of sophistication** you can achieve when you only **serve a niche**
- So, our niche users are, **students**, **ScheduleIT** is built from a student POV.
- Since the target users are **students** and priority is given to **separate their schedules across categories**, we decided to add daily schedule separately for each category.

What does ScheduleIT do?

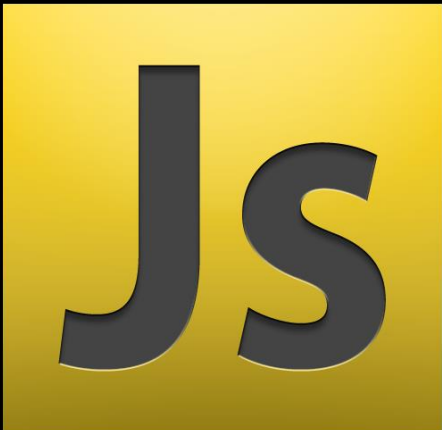
- **ScheduleIT** is currently designed for creating a single day schedules.
- It is an implementation of a scheduler **targeted for students**, and can be **extrapolated** for other users, with some work on code.
- There are few fields which are mandatory and some are optional.
- The schedule will be generated dynamically as the events are getting added.
- There is a table and a calendar associate with each category that helps the user to visualize the occupancy.

Tech Stack

FRONT-END

1. REACT

- DEV EXPRESS REACT SCHEDULER
- REACT BOOTSTRAP
- MATERIAL UI





BACK-END

1. JAVASCRIPT

















2. NODEJS

User Interface

SCHEDULE CREATOR

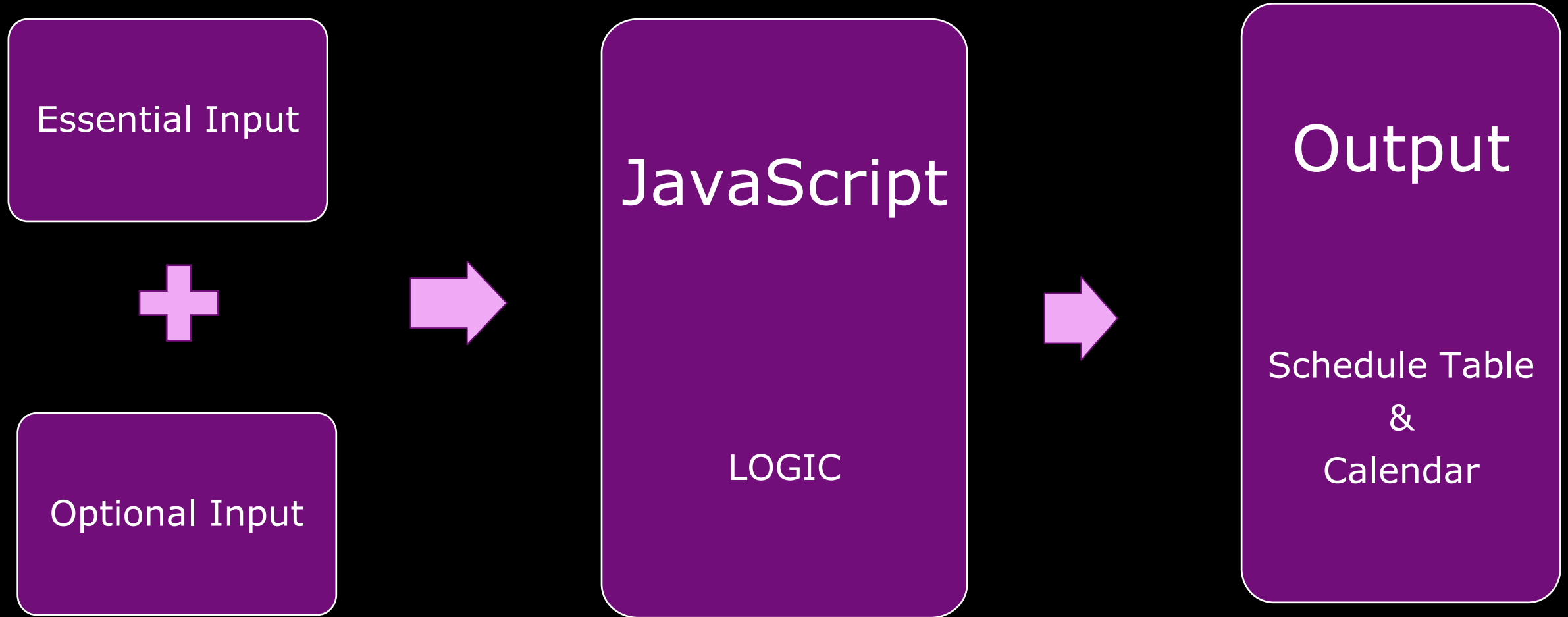
START TIME :	06 : 00 AM 	END TIME :	07 : 00 PM 	EVENT DATE :	30 / 11 / 2022 
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EVENT DETAILS

Event No.	Event Description	Event Category	Start Time (optional)	Duration (in min)	After Event Break (in min)	
1	ssd eval	Academics ▼	08 : 30 AM 	15	0	
2	dsaps	Academics ▼	-- : -- -- 	50	10	
3	football	Sports ▼	08 : 00 AM 	100	0	
4	cricket	Sports ▼	-- : -- -- 	240	0	
5	dance	Cultural ▼	10 : 30 AM 	120	0	
6	skit	Cultural ▼	-- : -- -- 	60	20	
7	prayer	Others ▼	07 : 00 AM 	10	15	
8	DESCRIPTION	Academics ▼	-- : -- -- 	0	0	



Design



Default Input

Day fields default input

- **Date Of Event** is considered as **Current date**
- **Start time** of the day plan is considered **00:00**
- **End Time** of the event is considered as **23:00**

Event fields default input

- **Event No.** is updated by the system
- **Event description** shows text box with **description placeholder**
- **Event category** is default considered as **academic**.
- **Start time** is shown as **--:--**.
- **Duration** of the event is **0**.
- **After event break** is considered as **0**

Output

YOUR SPORTS SCHEDULE

Event No.	Start Time	End Time	Description	Duration	Category
1	06:00	07:40	FOOTBALL	100	sports
2	07:40	11:40	CRICKET	240	sports

	Wed 30
6:30 AM	FOOTBALL 6:00 AM - 7:40 AM
7:00 AM	
7:30 AM	
8:00 AM	CRICKET 7:40 AM - 11:40 AM
8:30 AM	
9:00 AM	
9:30 AM	
10:00 AM	
10:30 AM	
11:00 AM	
11:30 AM	
12:00 PM	
12:30 PM	

Scope for improvement

- The fields and UI can be made more **specific** with effort and customization.
- Add an **custom category field**, with text input for users need so that user can have their own categories as per requirement.
- User can be given more options to **customize UI and design**.
- An option to **combine and display day's schedule** across all categories will be a valuable addition.

Thank you