

SchedEz

Team Members (Code Commandos):

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Managing schedules effectively is a typical difficulty for students, instructors, professionals, and event organizers. Coordination of many events, classes, or activities on various days, venues, and participants sometimes results in confusion and missed appointments. Traditional approaches, such as paper planners or simple digital calendars, lack flexibility and customization required, resulting in lost time and aggravation. An integrated solution is required to satisfy various scheduling requirements and increase productivity for individuals and businesses.

SchedEz provides a comprehensive answer to the complex problem of traditional scheduling. In SchedEz users may easily create, change, and see their schedules and timetables using our user-friendly, web-based application. The application's easy interface improves the process of adding events, classes, and other activities, allowing users to construct schedules based on certain days and time intervals. For instance, using color-coding and classification users can distinguish between tasks which improve clarity. Collaboration capabilities ensure smooth cooperation by allowing numerous users to follow upon the same schedule. Furthermore, daily reminders keep users up-to date on forthcoming activities, preventing missed appointments. SchedEz simplifies scheduling, promotes effective time management, and boosts overall productivity for people by overcoming the constraints of traditional scheduling systems.

COURSE TECHNOLOGIES: -

- ☐ **React** – React will be used as the front-end framework.
- ☐ **Firebase** - Firebase will be used to authorize users. It will include login/signup by email id, Google.
- ☐ **Redis** - Redis will be used for caching data for faster response.

ADDITIONAL TECHNOLOGIES: -

- ☐ **ImageMagick** - ImageMagick is a versatile tool for image processing and manipulation. It will be used to edit the images that the user uploads.
- ☐ **Docker** – Used for containerizing the application and deploying to Docker Hub.

GitHub URL - <https://github.com/sachindevangan/CS554-SchedEz>