

## Theme and Features

### Main Theme

Create a desktop application with Kotlin and TornadoFX to aid the management of a university system using Object Orientated Programming and Design Patterns.

### Technologies



**Kotlin**



### Brand and Logo



Enum IntegrateX is a tool that to aid the management of university administration. Making the work force of the admins more efficient and effective.

## Essential Features

- Search for a person by name or ID number.
- View that person's details, and all the subjects they are enrolled for.
- View the specific subject details.
- Register new students for their subjects.
- Add new students or people to the system.
- Create new subjects.
- Close off the month and make payments to all the staff and students.
- Implement Unit Testing.
- Implement a database to store all the data.
- Make use of Git version control for the whole project. As well as basic README file.

## Polish Features

- Implement a uniform unique UI style and design
- Micro Animations
- Make use of a colour palette that is inviting and friendly.
- Make use of the Gestalt Principles in the design
- Make use of a specific colour palette that fits the theme
- Page transitions animations
- Implement a full dashboard UI and functionality.
- Adding extra screens in to enhance the application

## Nice-to-have & Future Features

- Improve on the web application's performance
- Develop a mobile version of the web application
- Have a secure log in and sign up system
- Login, Sign up with Google
- Making it cross platform on both Mac and Windows.
- Pop up notifications
- Refactor the code into files that is more readable
- Integrate the features to be able to use this software as a tool.