

# Class Scheduler

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Ryan Tullis, Nic Figueroa, Dillon Gesy,  
Abdullahi Abdullahi, Charles "Joe" Hosier

Client: Vicky Thorland-Oster Faculty, Tina Prouty

Advisor: Thomas Daniels

## Introduction:

**Problem:** Every semester schedule advisors rush to plan out a class schedule, **unable to easily visualize a plan for a schedule**

**Solution:** An application that can easily visualize a class schedule

### **Intended users:**

- **Advisory staff:** to have a visual while scheduling classes

## Design requirements:

### **Functional requirement(s):**

The client should be able to:

- View/Edit past schedules
- Filter visible classes
- Export
- Import
  - Load schedules from previous semesters
- Conflict Management

### **Nonfunctional requirement(s):**

- The app should run in a reasonable time
- The app should be easily maintained
- Easily visualize a class schedule
- User-friendly UI

## Design approach:

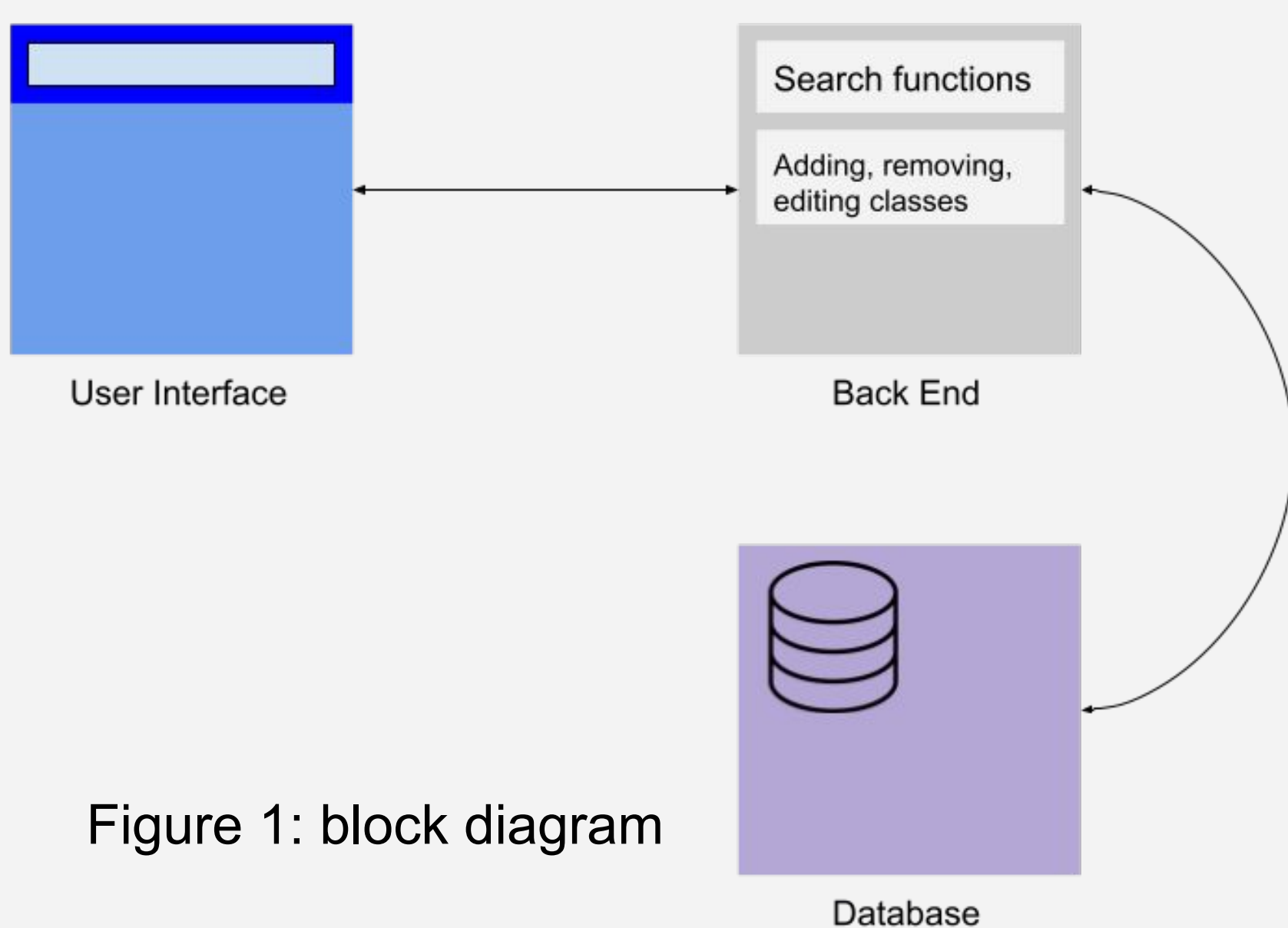


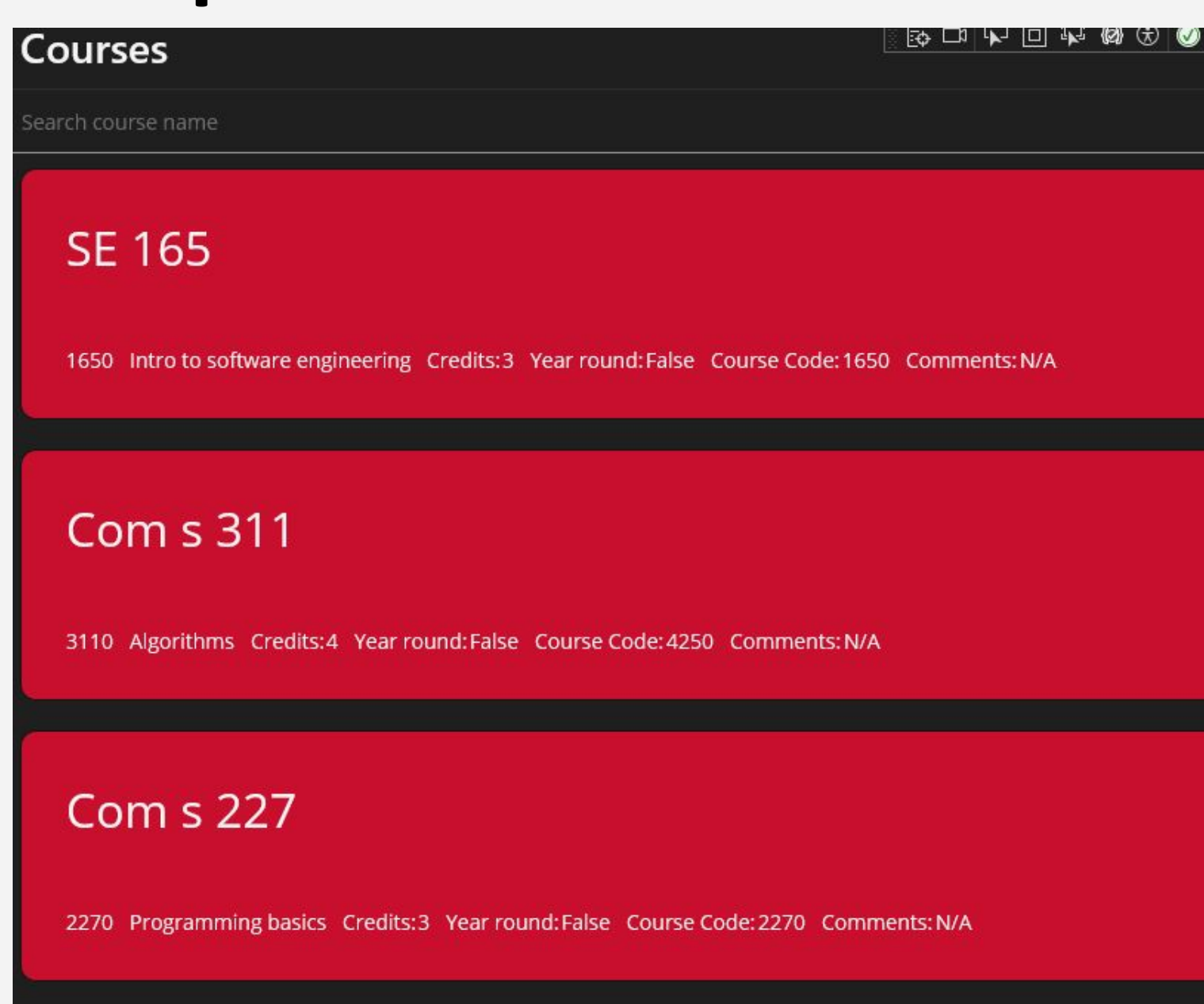
Figure 1: block diagram

## Technical details:

Technologies used:

- MAUI (C#) - framework
- SQLite - database
- Git - version control

## Example of Class list



## Example of Time Grid

