

# Welcome to BalanceBuddy

James Zesiger, Connor Valley, Preston Speidel

# Overview

Desktop application written in python with the goal of making tracking finances more engaging.

- Connects to remote database
- Remembers activity
- Can accurately track Income and expenses

Technology:

- Python 3
- PyGame
- PyGame\_GUI
- MongoDB ( Pymongo )
- matplotlib

# Timeline



# Project Goals

- Easy to navigate GUI
- Ability to create a user profile
- Store user data on remote database
- Ability to log income and expenses
- Leaderboard
- Loan tracker
- Goals

```
_id: ObjectId('674f5ec208d0e568bfb1dc11')
email: "preston@gmail.com"
password: "securepassword"
user_name: "Preston"
experience_points: 1200
▸ expenses: Array (7)
▸ income: Array (5)
```

## Welcome to BalanceBuddy

Email:

Password:

Sign Up

Login

# Changes and Challenges

## Challenges

- Inexperience
  - GUI
  - Database
- Overconfidence
- Time management
  - Making time for project
- Communication
  - Code descriptions

## Changes

- Reduced scope
  - Scaled back functionality
- Cut content
  - Goals
  - leaderboard

# Demonstration



Questions?