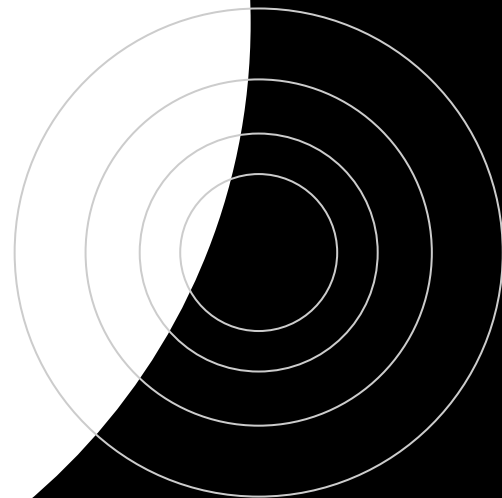


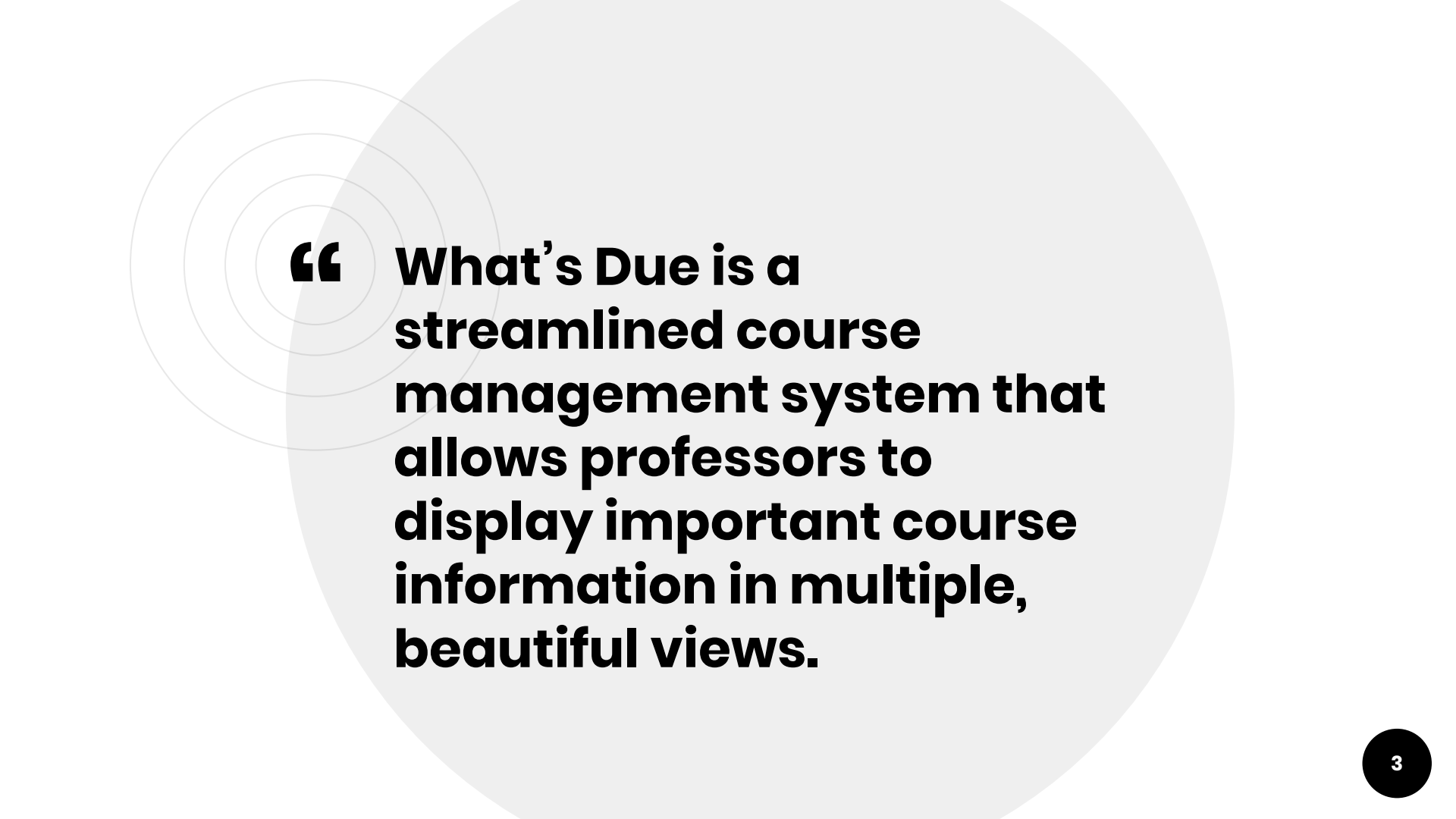
# What's Due





# **What is What's Due?**

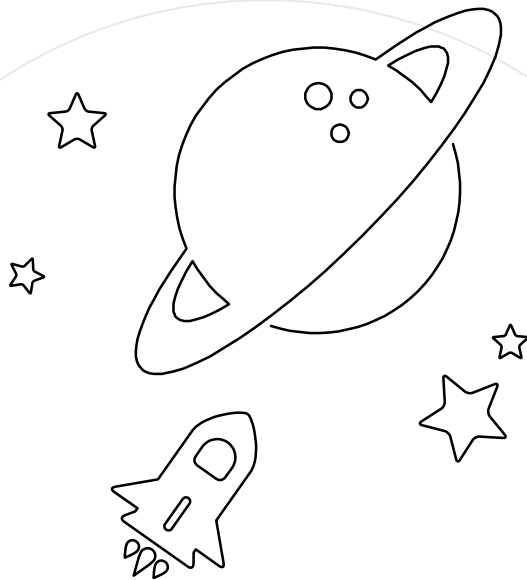




**“ What’s Due is a streamlined course management system that allows professors to display important course information in multiple, beautiful views.**

**What's Due  
combines  
the best of  
these 3  
platforms**





# Demo

We will now demo how the What's Due system seamlessly organizes course material into beautiful views



**How does  
What's  
Due work?**



# Three main tools...

1

**Java Spark**

To set up our web server

2

**SQLite Database**

To store our information

3

**Google Calendar API**

To display information

# Java Spark

- Web Server
- Client-Server Interaction
- REST API





# SQLite Database

- Table of Related Data
- Stores User Input
  - Professor
  - Course
  - Assignments



# Client-Server Relationship

Student

Client Web Page

Server Application

SQLite Database



Request



Response



Request



Response



Query



Response

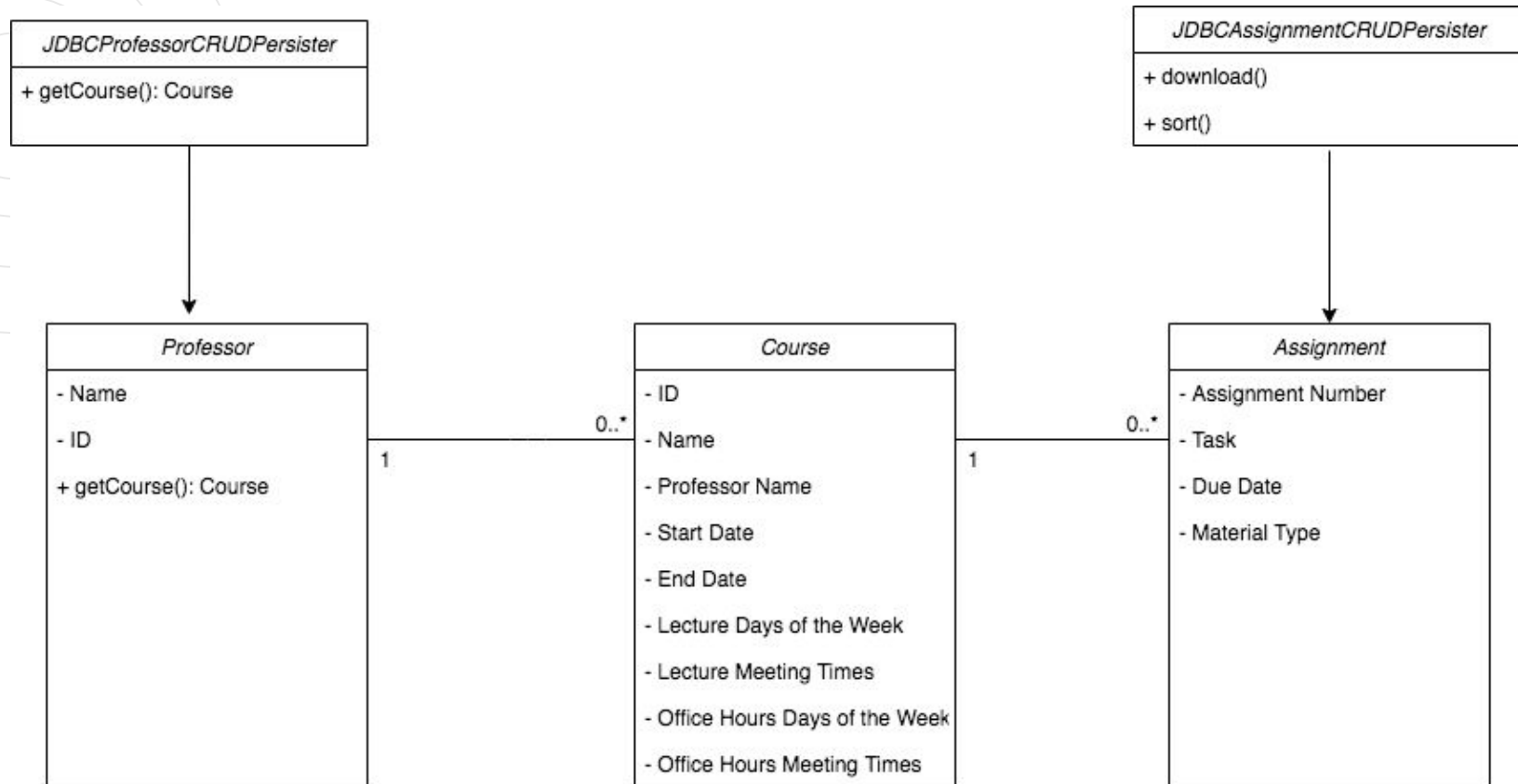


# Google Calendar API

- Display Course Material
- Easy Access and Update
- Exportable for Students

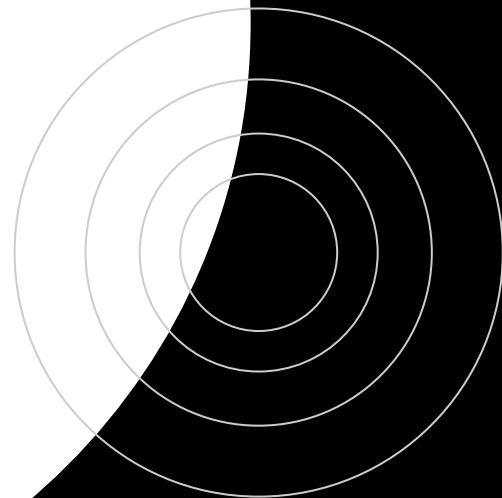


# UML Diagram





# **Other Tech What's Due Uses**



# YAML

- Add Courses via File Upload
- Easy to Use
- Good for Storing Information



# Twilio Messaging

- Send Students Alerts
- Reminders
- Alerts Automatically



# Bootstrap

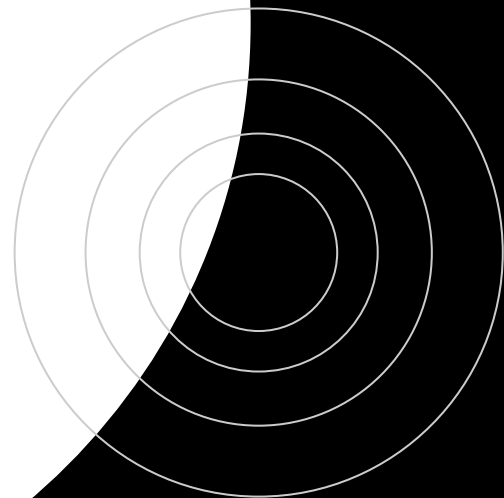
- Design User Interface
- CSS Stylesheets
- Ex. Material Table







# **The Future of What's Due**





# Next steps...

1

**Current Limitations**

What our software can't do

2

**Future Features**

What we plan to add

3

**Reflection**

What we learned

# Current Limitations

- Other Calendar Compatibility
- Multiple Courses with YAML



# Future Features

- Export What's Due Designs
- Add Assignments with YAML
- Professor Designs (i.e. Colors)



# Reflection

- Teamwork
- GitHub
- Fulfillment





# What's Due