

Capstone Iteration 1

By Harry, Corey, Caige, Kris, and Spenser

Summary

Client and Info

- Intertwined Finance
- Course Management System
 - Managing Courses
 - Managing Course related Units
 - Managing Course related Sections
 - Managing Course related Lessons
 - Managing Course related Quizzes

Mentor Feedback

Our mentor said that the first iteration 1 was good and the functionality was sufficient for iteration 1. He suggested us to starting looking into docker and setting up docker for iteration 2 since it's a requirement.

Client Feedback

The client gave us crucial feedback. The Client said the functionality of our iteration was good but there were some design choices that could be changed. Firstly, they wanted us to make the design simpler since it's only accessed by the admins. They all said the course create button should be utilized more throughout the Course page rather than the Dashboard only.

Dashboard Page



Course

Wednesday, November 6, 2024



Active Courses

0

Legacy Courses

0

Recently Edited Courses

+ Create



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Master data science using Python and its libraries



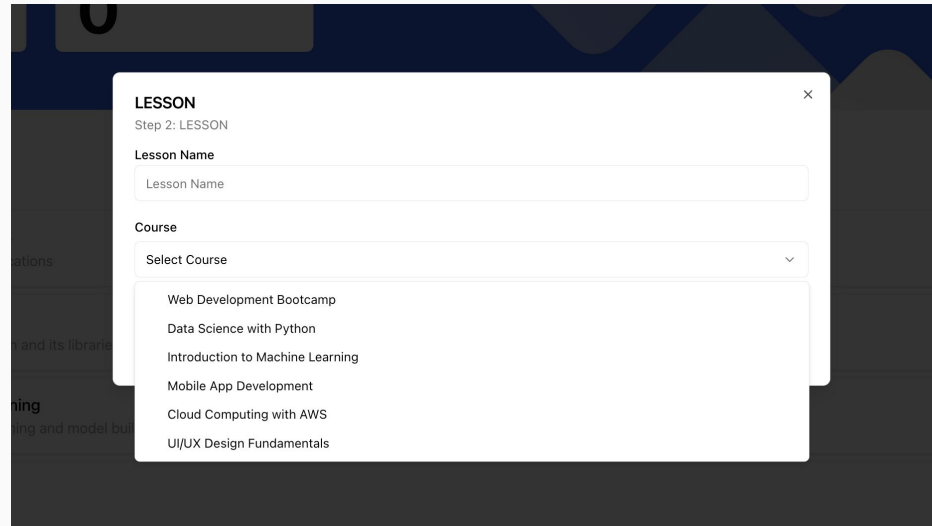
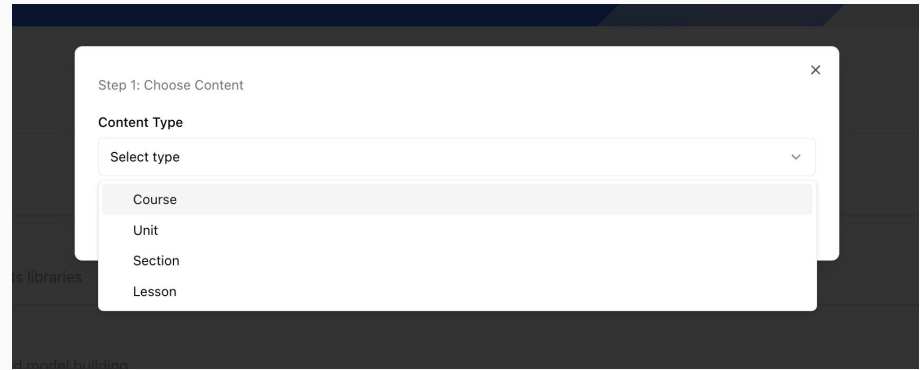
Introduction to Machine Learning

Learn the basics of machine learning and model building



Iteration 1 Feature: Course Content Creator

- Provides functionality to create course content
- Types of content
 - Course related Unit
 - Course related section
 - Course related lesson



Iteration 1 Feature: Recently Edited Courses

- Displays the most recently edited courses
- These courses are displayed on the dashboard page

Recently Edited Courses



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Introduction to Machine Learning

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Course Page

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Courses

Web Development Bootcamp <

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Mobile App Development >

Cloud Computing with AWS >

UI/UX Design Fundamentals >

Course >

Units

Frontend Development Unit 0

Edit Unit <

HTML Basics

View Lessons

CSS Basics

View Lessons

Backend Development Unit 1

Edit Unit >

Editor

Iteration 1 Feature: Text Editor

- Rich Text Editor
- Used to Edit Lesson Content
- Accessed from selecting a course related lesson

Course

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Lesson Editor

Editing Lesson - Introduction to HTML

Set Link **Unset Link** **Split list item** **Sink list item** **Lift list item** **H1** **H2** **H3** **Save**

GENERAL OVERVIEW

- This is a test overview of our course today
 - Course content being added

Some more content that can be added... A Section maybe

Lesson Editor

Editing Lesson - Introduction to HTML

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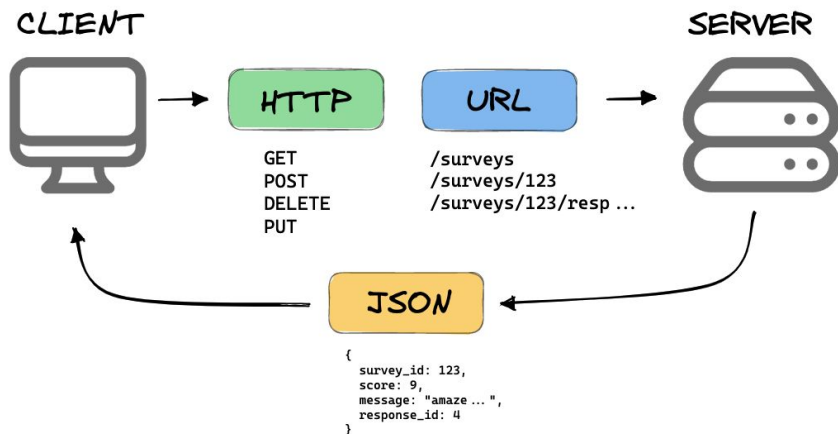
Iteration 2 Features

Quiz Editor Page

- Provides ability to view lesson related quizzes
- Gives detailed overview of quiz and its questions

The screenshot displays a web application interface for 'Lessons'. At the top, the title 'Lessons' is on the left and the date 'Monday, September, 30, 2024' is on the right. A sidebar on the left contains icons for a home page, a book, a search function, and a settings gear. The main content area is titled 'General Budgeting Guide Course' and includes a subtitle 'Course on General Budgeting techniques' and a timestamp '14 Sept 24'. Below this, a list of lessons is shown: 'Lesson 1.1 Introduction to Budgeting', 'Lesson 1.2 Budgeting 101', 'Lesson 1.3 Budgeting Benefits', 'Lesson 1.X Review Budgeting', and 'Lesson 1 Quiz'. Each lesson entry has a book icon and a 'view' button. The 'Lesson 1 Quiz' entry has a right-pointing arrow. To the right of the lesson list, the 'Question 1 of 15' section is visible, featuring a red '1 Attempt Left' indicator. The question text is '1. Lorem ipsum odor amet, consectetur adipiscing elit?'. Below the question, there are four text input fields. The second field contains the text 'Purus dolor ullamcorper ligula duis neque odio conubia.' and is marked with a red 'X' icon, indicating an incorrect answer. At the bottom of the question area, there are 'Back' and 'Try Again' buttons. A '1 Attempt left' indicator is also present near the 'Try Again' button.

Iteration 2 Features: REST API Integration



Retrospection

What does each team member think about this iteration?

Harry: This Iteration was simple but challenging at the same time. I focused on creating the Course Page. I enjoyed creating various components but found styling a bit challenging since it was in tailwind CSS.

Corey: Iteration one set the foundation of our process moving forward and gave us a good path to continue developing

Kris:

Caige:

Spenser:

What kind of properties of quality software did you sacrifice for the sake of functional software?

We pretty much got through all our iteration 1 TODO's plus some more. Our client wanted to us to have a fully built editor which interacted the Course Page.

How do you plan to approach iteration 2?

Iteration 2 is a bit more challenging since it involves connecting the backend data to the front end and also implementing the Quiz Page and feature.