

COLX 523 Plan for the Interface

Bingyang Hou, Jae Ihn, Jiexie Kuang, Jinhong Liu, Min Zeng

Below is a tentative plan; our final product for milestone may be different from the proposal here.

Link to design:

https://www.canva.com/design/DAFc9flHspo/eulPXzAOcUJBI4K4FDUcEA/view?utm_content=DAFc9flHspo&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton

For the user interface, we will create a single long website, consisting of several blocks. The blocks are divided based on their functionality:

- Introduction
 - We will create a home block to present the name of the project
 - We will provide a brief introduction to the project, describing background, theme, and purpose.
- Searching function
 - We will allow our readings to be searchable based on filters.
 - We will create **four** drop down menus for users to narrow down their searches:
 - reading topic - based on the course topic the reading came from
 - engineering
 - literature
 - mathematics
 - others
 - reading format
 - book
 - paper
 - group readings by ... - how the readings will be ranked
 - author
 - title
 - journal
 - include
 - required
 - optional
 -
- Analysis visualizations

Although detailed examples are not on the UI design draft (i.e. there are only placeholders), we plan on creating various types of charts that visualize statistics of the readings that we have found. This may include bar charts, tables, line charts, etc.

- Wrap-up
 - We will share some of the hilarious moments we encountered throughout the project.
 - We will provide links to sources.
 - We will introduce the team.

Below are some initial designs for our final product:

ANALYSIS OF MOOC - MIT OPENCOURSEWARE



To read, or not to read ...

THAT IS THE QUESTION

LEARN MORE

Project Introduction

The course syllabus page consists of multiple sub-pages that are navigable via a sidebar. Our objective is to annotate “reading resources” across all sub-pages for each course and group them by “course topics”.

We will also identify topics assigned to each course. This information is on the main page of the course syllabus. We will keep the hierarchy of the topics provided by the page.



Search

Topics

Data Science

Linear Algebra

Data Scientist's tools

Format

Book

Academic Paper

Group By

Author

Title

Journal

Include

Required

Optional

Search Result



Analysis



Title Computational Linguistics
Topic Transformer
Type Linguistics+CS+DS



Title Computational Linguistics
Topic Transformer
Type Linguistics+CS+DS



Title Computational Linguistics
Topic Transformer
Type Linguistics+CS+DS

Bonus



WEBSITE



Get to Know Our Team



A

Team Lead



B

Developer



C

Developer



D

Designer



E

Designer