**Project 2: booksmart**

**Zeke Van Dehy**

**Homepage / index**

**Graphical user interface, application, website

Description automatically generated**

**About**

**Graphical user interface, text, application, website

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**Contact**

**Graphical user interface, application, website

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**All textbooks (connections)**

**Graphical user interface

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**A picture containing timeline

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**Timeline

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**Show textbook**

**Graphical user interface, application, website

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**Edit textbook**

**Graphical user interface

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**Graphical user interface, application

Description automatically generated**

**Create textbookGraphical user interface

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**Graphical user interface, application

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**Explanation of additional features**

Links to subjects automatically bring the user to the desired subject on the /textbooks page.

**Explanation of status**

All of the required components are present and working. I tried to do extra by uploading a cropped image to the server, but didn’t get it to work before the deadline.

**Discuss challenges**

It was easy to transform the static html pages into .ejs files. It was also easy to create the endpoints and render the appropriate pages (routes, controller, model). I slightly struggled with appropriately categorizing textbooks by their subject. I settled on the suggestion given on piazza, which was to create a map that sorted the textbooks by subject. I still don’t know if this is the best solution, but it is the simplest. The most challenging part was trying to crop a user’s image and upload that to the server. I tried to overcome the challenge by reading documentation on XMLHttpRequests, ajax, express, stack overflow, etc., but ultimately was unable to meet this personal goal (yet!).