

Our project is going to be a used textbook exchange website, where students can view, buy, or sell old used textbooks that they have used. Primarily, the website will focus on students - many students prefer to avoid buying new textbooks, but it's not necessarily easy to find used textbooks. Users will first have to sign up by providing an email address. After signing up, they will be able to search for and view listings of textbooks they want to see. If they find a textbook they want, they can bid on the textbook. Listings will display the current maximum bid. Additionally, they can post ads for their own textbooks that they want to sell. After selling a textbook, they can delete their listing.

## User Interactions

Database: MongoDB

### Login page

- Email
- Password
- Two factor authentication via email
- Signup

### Logged In

User	Admin
<ul style="list-style-type: none"><li>• View ads<ul style="list-style-type: none"><li>◦ Comment on ads</li><li>◦ Bid on an ad</li></ul></li><li>• Search ads</li><li>• Backend<ul style="list-style-type: none"><li>◦ Post ads</li><li>◦ Delete their ads</li><li>◦ Modify their ads</li><li>◦ Modify their personal info</li></ul></li><li>• Log out</li></ul>	<ul style="list-style-type: none"><li>• Backend<ul style="list-style-type: none"><li>◦ Add users</li><li>◦ Remove users</li><li>◦ Modify users</li><li>◦ Remove ads</li><li>◦ Modify ads<ul style="list-style-type: none"><li>■ Delete comments</li></ul></li></ul></li><li>• Log out</li></ul>