

CMSC436 Project Proposal: TerpTales

Project Team 8

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App Description

TerpTales is an e-book reader designed to enhance the reading experience for users across a variety of mediums, including textbooks, novels, and magazines available as a PDF file. With TerpTales, users can navigate through their digital library, accessing a vast array of content at their fingertips. Additionally, TerpTales incorporates innovative flip detection technology, utilizing accelerometers to enable users to seamlessly turn pages with a simple gesture, further immersing them in their reading journey.

What is accomplished

Milestone 2

- A settings page with help (FAQs) and a section for adjusting appearance and features
 - The basics have been implemented, working on fully implementing the “light-mode” “dark-mode” feature for milestone 3
- A top tab with functional icons for the home screen, and settings
- Implementing "flip" detection using accelerometers to change pages
- Ability to bookmark pages within the file/pdfs
- A scroll functionality between pages of the pdf

Proposed Target from initial proposal not met for this milestone:

As we were working on our group project, we came to realize that some of our features are taking longer to implement than others. For this reason, we decided to move some features from milestone 2 to 3 (flip detection and categories), and we implemented some features from milestone 3 early (settings page/FAQs). The following have been moved to milestone 3 in

addition to tasks previously listed in the initial proposal and expected to be completed by our targeted due date.

- Add recently added section and categories section in home page
- Implementing "flip" detection using accelerometers to change pages