

## Epic 1: Resolve Current Issues

As an educator, I would like to improve the performance of e-book, so that students can study without delay and discomfort.

ID	User Story	Acceptance Criteria	Priority	Story Points	Note	Dependency
US 1.1	As an educator, I want to show the whole and correct pages, so students don't miss any contents.	<ul style="list-style-type: none"><li>- When the users click on a chapter, they shouldn't see an error page.</li><li>- The pages should show the correct content related to the original textbook.</li></ul>	High	8	<p>The user story is the most important part of the project. First, we need to identify errors in the existing program and ensure compatibility across various devices (laptops, mobiles, tablets, etc.).</p> <p>Understanding the existing code and debugging it is a time-consuming task.</p> <p>Additionally, we need to check for errors in each version, which requires significant time.</p>	-
US 1.2	As an educator, I want contents to be aligned on the mobile devices, so students can study comfortably on their mobile phones.	<ul style="list-style-type: none"><li>- When the users use their mobile to access the content, they can read the context without difficulties.</li><li>- Images are resized responsively on mobile.</li></ul>	Medium	5	<p>This user story is an important aspect as the primary users, students, are increasingly using mobile devices.</p> <p>However, considering that some implementation is already in place in the current version, we assigned a medium priority. Moreover, resizing the content for mobile devices is a time-consuming process, so we allocated 5 story points.</p>	US 1.1

ID	User Story	Acceptance Criteria	Priority	Story Points	Note	Dependency
<b>US 1.3</b>	As an educator, I want the video content to be optimised for fast loading, so students don't face delays when watching.	- When the user clicks the play button on the videos, they can see it immediately.	Medium	2	Currently, most videos play well on various devices. However, some videos have long loading times, causing inconvenience to users. The client has also requested improvements to this feature. Nevertheless, since this function is an additional feature when using the textbook, we assigned a medium importance. Improving the loading speed of a few videos is manageable, so I allocated 2 story points.	US 1.1
<b>US 1.4</b>	As an educator, I want all images on the textbook to be shown correctly so the students can have a reference of the content I am explaining.	- When there are images on the pages, they should appear correctly.	Medium	3	When operating on mobile or web, certain images may not load and appear blank. It is important for students to have access to all educational materials while studying. However, since many images are functioning properly, we assigned a medium importance and allocated 3 story points.	US 1.1

## Epic 2: Adding / Updating Content

As an educator, I want to add more chapters or contents to the textbook so that students can learn from up-to-date and comprehensive content.

ID	User Story	Acceptance Criteria	Priority	Story Points	Note	Dependency
<b>US 2.1</b>	As an educator, I want to update more content of my written textbook on the application so that more knowledge can be shared to the public and students.	<ul style="list-style-type: none"> <li>- The platform should contain 3 more chapters from the traditional textbook.</li> <li>- Each chapter should contain formatted textual content and related media.</li> </ul>	High	3	This user story is one of the main goals mentioned by the client. It involves writing the later parts of the textbook that have been worked on so far, which holds significant importance. However, since most of the work is repetitive, we assigned 3 story points to this task.	-
<b>US 2.2</b>	As an educator, I want to add quiz related to new chapters to verify if the student keeps learning the new chapters	<ul style="list-style-type: none"> <li>- There is a corresponding quiz for a newly added chapter.</li> </ul>	Medium	3	The educator provides quizzes as important materials to assist learners in their understanding, which holds medium priority. Additionally, since this involves transferring existing work to the platform and includes a lot of repetitive tasks, we assigned 3 story points.	-

## Epic 3: Implement User Analytics

As an educator, I would like to know the users' behavior and understand my audience to enhance the content.

ID	User Story	Acceptance Criteria	Priority	Story Points	Note	Dependency
<b>US 3.1</b>	As an educator, I want to know which countries my viewers are from, so I can decide whether	<ul style="list-style-type: none"> <li>- When the educators scroll down to the bottom of the home page, they</li> </ul>	Low	5	This feature serves as supplementary material for educators to reference when planning lectures, and it has low priority. It	-

ID	User Story	Acceptance Criteria	Priority	Story Points	Note	Dependency
	content should be provided in multiple languages for better understanding.	should be able to see the count of viewers from each country.			will function as a basic feature for tracking user data and is a new feature that we assigned low importance and 5 story points.	
<b>US 3.2</b>	As an educator, I want to know how many visitors accessed the website, so that I can understand how well and effective the website is to the public.	- When the educators click on the Home page, they should be able to see the total viewer count.	Medium	8	This feature allows for tracking the total number of visitors to the created webpage, which helps in understanding how many users are utilising the textbook. It can also serve as an overall success indicator for the interactive textbook, so it holds medium priority. It is a foundational feature for future data analysis tools and is a new implementation, so we assigned 8 story points.	
<b>US 3.3</b>	As an educator, I want to know which chapter has the highest number of clicks, so that I can improve the content to meet the preferences of the audiences.	- When the users enter a chapter, they can see the views next to the chapter title.	Low	2	This feature analyses how many clicks users make on different pages. Through this feature, we can understand which chapters students are most interested in and where they spend the most study time. It is an additional feature that implements user story 3.2 in a more analytical way, so we	US 3.2

ID	User Story	Acceptance Criteria	Priority	Story Points	Note	Dependency
					assigned low priority and 2 story points.	
<b>US 3.4</b>	As an educator, I want to know which chapter the viewers stay the longest, so that I can adjust the difficulty or length of it.	- When the users click into the chapter page, it can track the duration spent.	Low	2	This feature identifies which page users spend the most time on, adding depth to user data analysis derived from user story 3.2. Therefore, we assigned low priority and 2 story points.	US 3.2

## Epic 4: Improve Usability

As a student, I would like to adjust the UI based on my preferences so that I will be more willing to use the platform.

ID	User Story	Acceptance Criteria	Priority	Story Points	Note	Dependency
<b>US 4.1</b>	As a student, I want to change the font size so that I can read the content without stressing my eyes.	- A toggle or dropdown should be available to select font size (e.g., Small, Medium, Large). - Preferences should be saved for future visits.	Low	2	This user story describes a necessary feature to alleviate user inconveniences when using the textbook. It addresses issues such as small font sizes that make it difficult to read and the inability to view all content at a glance, which is essential for user convenience. By providing an additional font size option in the existing code, we assigned low priority and 2 story points.	-
<b>US 4.2</b>	As a student, I want to change	- A toggle switch should	Low	2	This feature is necessary to create a	-

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	the interface into dark mode so that I can study conveniently in a low-light environment.	be available to switch between light and dark modes. - Dark mode should apply a dark background with light text. - Preferences should be saved for future visits.			user-friendly environment that can reduce fatigue for students studying day and night. By offering a dark mode, it allows for reduced eye strain while studying at night. This feature differentiates itself from traditional textbooks by creating options for users to select background and text colours, so we assigned low priority and 2 story points.	
<b>US 4.3</b>	As a student, I want to see a table of contents on the platform so that I can switch between chapters easily and efficiently.	- A collapsible or expandable table of contents (TOC) should be available on the sidebar or top navigation. - The TOC should remain accessible throughout the platform.	Medium	3	Currently, the table of contents is inconvenient as users have to navigate to the homepage and then switch chapters. This table of contents requires multiple steps for users to reach their destined page, making it an important feature for improving usability. Therefore, we assigned medium priority to this feature. Additionally, we allocated 3 story points for the task of improving the existing table of contents.	-