Sprint 3 Planning

Sprint Details

- **Sprint Number:** Sprint 3
- **Start Date:** 2025-05-02
- **End Date:** 2025-05-30
- **Sprint Goal:** Adding content, Analytic functions with mobile device and Improving usability

Sprint Backlog

ID	User Story	Priority	Estimation	Assignee	Status
US3.2	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.	High	8	Harold, Kate, Zona	Not started
US3.3	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.	Low	4	Harold, Kate, Zona	Not Started
US3.4	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.	Low	4	Sangmoon, Soyeon	Not started
US4.3	As a student, I want to see a table of contents on the platform so that I can switch between chapters easily and efficiently.	Medium	6	Sangmoon, Soyeon	Not Started

Tasks Breakdown

Task ID	Task Description	Related User Story	Assignee	Priority	Estimation	Status	Dependencies
T1	Add textbook chapters (text content)	US2.1	Sangmoon, Soyeon	High	3h	In Progress	None
T2	Add textbook chapters (video & images)	US2.1	Zona, Kate, Harold	Medium	2h	In Progress	None
T3	Create analytics page interface for educators	US3.2	Zona, Kate, Harold	High	4h	Not started	None
T4	Implement visitor count tracking logic	US3.2	Zona, Kate, Harold	High	2h	Not Started	None
T5	Integrate visitor analytics into codebase	US3.2	Zona, Kate, Harold	Medium	2h	Not Started	T4
T6	Test visitor analytics with multiple devices	US3.2	Zona, Kate, Harold	Medium	1h	Not Started	T5
T7	Implement page view tracking feature	US3.2	Zona, Kate, Harold	Medium	1h	Not Started	T6
T8	Integrate page view analytics into codebase	US3.3	Zona, Kate, Harold	Medium	2h	Not Started	T7
T9	Test page view tracking system	US3.3	Zona, Kate, Harold	Medium	1h	Not Started	T8
T10	Integrate page stay duration tracking using API	US3.4	Soyeon, Sangmoon	High	3h	In Progress	None
T11	Implement stay duration tracker into codebase	US3.4	Soyeon, Sangmoon	High	2h	Not Started	T10
T12	Verify page stay tracking on multiple devices	US3.4	Soyeon, Sangmoon	Medium	1h	Not Started	T11
T13	Integrate TOC (table of contents)	US4.3	Soyeon, Sangmoon	Medium	1h	Not Started	None
T14	Add sidebar Table of Contents (TOC)	US4.3	Soyeon, Sangmoon	High	2h	Not Started	T13
T15	Test TOC appearance across all chapters	US4.3	Soyeon, Sangmoon	Medium	1h	Not Started	T14
T16	Final cross-device testing for TOC and page formatting	US4.3	Soyeon, Sangmoon	Medium	1h	Not Started	T15

Dependencies & Risks

- **Dependencies:**
    - Identification and integration of analytics solution capable of tracking user visits, page views, and session durations.
    - Ensuring Cloudinary's media delivery and optimisation are functioning correctly across all frontend components.
    - Ensuring Vercel's deployment is functioning correctly across all devices.
- **Risks:**

- Analytic dashboard readability and tracking data
  - Data privacy issue for collecting visitors data
  - User Interface between different devices

Sprint Commitments

- Ensuring full cross-device compatibility (desktop, tablet, and mobile) for all newly added features.
- Completing the integration of visitor analytics, including tracking the number of visitors, page views, and session durations across all devices.
- Identifying and mitigating risks related to data collection and media optimisation to ensure a reliable and user-friendly experience.
- Restructuring and testing the updated Table of Contents (TOC) to enhance navigation across chapters.
- Add more contents of textbook.

Notes

- The team will meet every Wednesday 11:00 AM and Sunday 11:00 AM to discuss the progress of the sprint.
- The team will use the burn-down chart to track the progress of tasks.
- The team members help other members if they are stuck on a task.
- The team will finish the all user stories within the sprint 3.