**START UP PROJECT [ E-BOOKS]**

**Overall Functional Overview By Client:**

**Roles Involved:**  
There are three main user roles: **Admin**, **Affiliator**, and **User**.

**Admin Responsibilities:**

* Ability to add affiliators and generate unique referral links for them.
* Clicking on an affiliator’s link should redirect to the user’s book shopping page.
* Track and monitor:
  + Number of visits through each referral link.
  + Business metrics such as payments made via those links.
* View detailed analytics segmented by hour, day, and month.
* Calculate each affiliator’s commission based on their referrals and the total revenue generated through their links.
* Automatically reset affiliators’ commission balances to zero on the 28th of every month.
* Allow users to access a **free trial** for the **first four pages** of a selected book.

**Affiliator Capabilities:**

* View personal dashboard showing:
  + Commission percentage earned.
  + Revenue or business generated through their referral activities.

**User Experience:**

* Standard e-commerce functionality:
  + Browse and purchase books.
  + View and manage order history.

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| **No** | **Task** | |  | | --- | | **Detailed Description** |  |  | | --- | |  | | | **Target Date** | | --- |  |  | | --- | |  | |
| 1 | Admin Login & Affiliator Registration | Implement secure login for Admin. Allow the Admin to register new Affiliators, store their data in the database, and ensure proper role-based access control. Establish full database connectivity for managing users and roles. | 14/04/2025 |
| 2 | Admin – Add & Manage E-Books | Provide Admin the ability to upload e-books to the system, categorize them (by genre, author, etc.), and record their addition date. Integrate filters by date and category, and implement a dynamic search box to easily locate books. Update the database accordingly. | 15/04/2025 |
| 3 | User Interface – Book Shopping Experience | Design the front-end interface for users to browse all available e-books. Enable add-to-cart functionality. Allow filtering and sorting of products based on categories, tags, and other metadata. Provide an intuitive user experience for book selection. | 18/04/2025 |
| 4 | Product Detail Page & Free Trial Feature | Create a detailed view for each book including title, author, full description, rating system, and user reviews. Integrate a preview feature that allows users to view the first four pages of the book as a free trial before purchasing. | 20/04/2025 |
| 5 | Category Sidebar, Checkout & Payment Page | Develop a left-hand sidebar displaying all book categories for easy filtering. Implement the complete checkout process including cart review, shipping info, and a secure payment gateway. Provide confirmation after payment and summary page. | 21/04/2025 |
| 6 | Admin – User Payment History & Commission Analysis | Enable Admin to view all completed transactions made by users. Include features for detailed commission analysis for each affiliator, calculating earnings from their referral links and summarizing revenue contributions. | 22/04/2025 |
| 7 | Link Visit Analytics | Track and record how many times each affiliator’s referral link is visited by users. Visualize this data with charts or tables for easy interpretation by Admin and Affiliators. | 24/04/2025 |
| 8 | Payment Statistics – Time-Based | Develop an analytical module showing detailed payment statistics segmented by day, month, and year. Display payment volume, frequency, and trends for business insights. | 26/04/2025 |
| 9 | Affiliator Payments & Commission Reset | Allow Admin to view total payments earned by each affiliator. Add functionality to reset affiliator commissions to zero on the 28th of each month with a dedicated reset button or automation. | 27/04/2025 |
| 10 | Final Dashboard – Admin & Affiliator Analytics | Build comprehensive dashboards for both Admin and Affiliators. The Admin dashboard will show business analytics, total payments, commissions distributed, and traffic by links. The Affiliator dashboard will show earnings, link performance, and referral-based insights. | 29/04/2025 |

**CONCLUSION**

project\_start\_date: 14/04/2025

project\_end\_date: 29/04/2025

total\_days: 16

project\_scope: Complete development of affiliate-based e-commerce platform

includes: Admin panel, Affiliator system, E-book shopping features, Payment & analytics integration