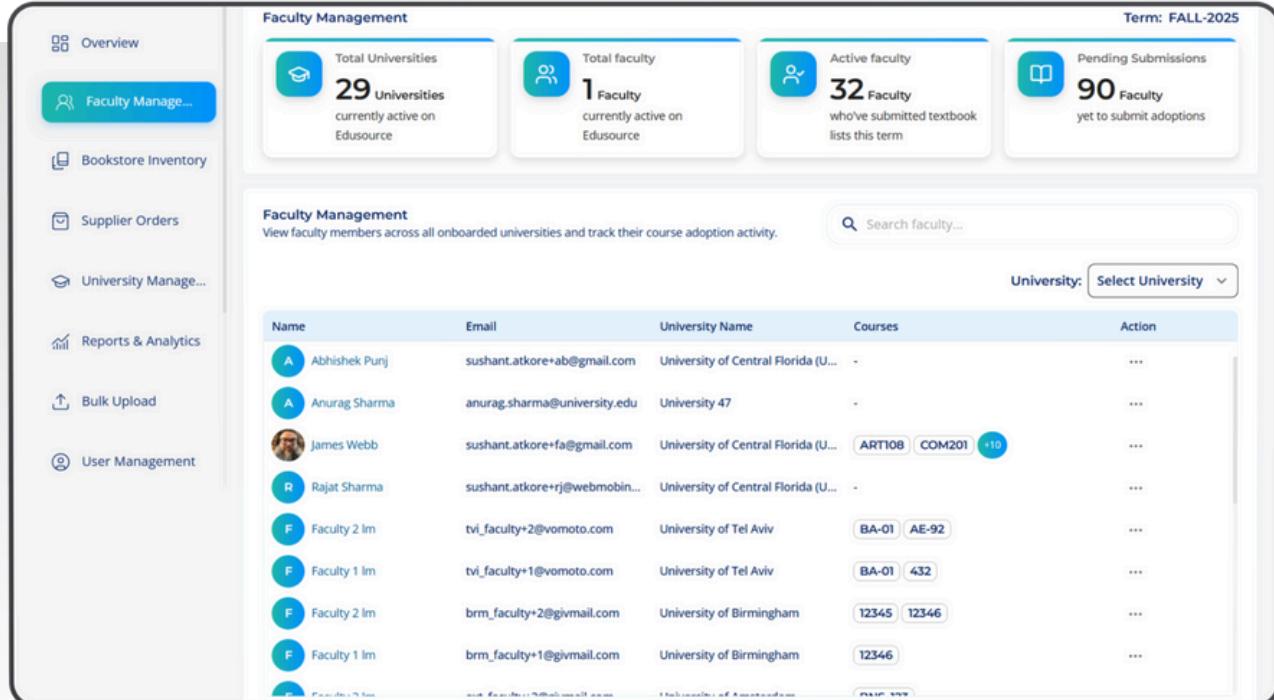


# INTEGRATED ACADEMIC RESOURCE MANAGEMENT PLATFORM

This platform is a comprehensive digital library designed to streamline access to textbooks, stationery, and other academic materials for university students. It connects students, faculty, bookstore managers, and university administrators through a unified, technology-driven ecosystem. Students can easily browse and purchase required textbooks, track their orders, and select their preferred delivery options.

Faculty can manage course-specific textbook recommendations, while bookstore managers handle real-time inventory and order fulfillment. University administrators benefit from actionable insights into textbook adoption and student behavior. By centralizing these operations, the platform reduces administrative overhead and ensures a seamless academic resource experience for all users.



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A. Abhishek Punj	sushant.atkore+ab@gmail.com	University of Central Florida (U...	-	...
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F. Faculty 1 lm	tvi_faculty+1@vomoto.com	University of Tel Aviv	BA-01   432	...
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# CHALLENGES

Before the platform's development, universities struggled with disjointed textbook procurement and distribution processes. Stakeholders, including students, faculty, and bookstore managers, operated across disconnected systems, resulting in poor coordination and frequent delays. Students faced confusing, multi-step workflows when finding and purchasing required materials, often resulting in frustration. On the backend, the lack of real-time inventory visibility created inefficiencies and made stock management unpredictable. Faculty had limited support in recommending or updating course materials, while bookstore staff spent excessive time manually managing orders and inventory.

# BUSINESS NEEDS

- Fragmented processes with no real-time visibility across operations.
- Students faced confusing, delayed orders due to scattered channels.
- Limited transparency on faculty adoption affected decision-making.
- Manual order and inventory handling consumed excessive staff time.
- No integration with SIS or financial services systems.

# SOLUTIONS

- Students can search and purchase textbooks in all formats.
- Faculty members can easily manage and share relevant textbook recommendations.
- Bookstore managers efficiently track inventory in real-time.
- Platform supports multiple payment and delivery preferences.
- Seamless experience connects students, faculty, and administrators system-wide.



## BENEFITS

- Students can easily access and purchase academic materials.
- Real-time inventory tracking improves availability and accuracy.
- Streamlined workflows reduce manual tasks and save time.
- Centralized platform enhances coordination across all stakeholders.
- Data-driven insights support better academic resource planning.



# RESULTS

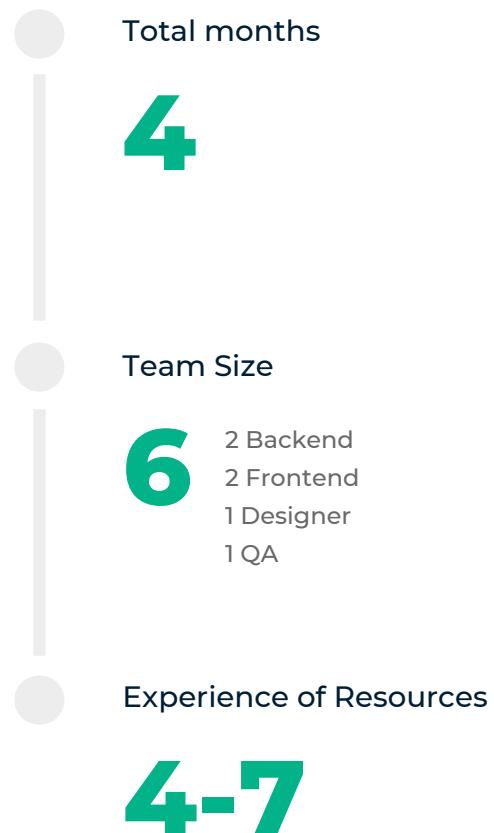
The implementation of the platform led to measurable improvements across the academic resource management process. Students now benefit from a streamlined interface that simplifies textbook discovery and purchasing, resulting in a more efficient and user-friendly experience. Bookstore managers gained real-time visibility into inventory,

enabling better stock planning and faster order fulfillment. Faculty members found it easier to manage and share textbook recommendations, improving alignment with course requirements. University administrators now have access to detailed insights into adoption trends and platform usage, supporting informed strategic decision-making.

## TECH STACK

1. Frontend – React.js
2. Backend – Node.js and Express.js
3. Database – MongoDB
4. Hosting – AWS (Amazon Web Services)
5. Payment Integration – Stripe

## TIMELINE





# ABOUT WEBMOB

Webmob Software Solutions is a global technology partner specializing in FinTech, PropTech, and Blockchain innovation. Backed by a team of 150+ in-house developers, we design and deliver secure, scalable, and future-ready digital solutions. Since 2015, we've been helping enterprises across Switzerland,

the UAE, the US, Saudi Arabia, and Japan harness the power of blockchain, Web3, AI, and cybersecurity. With a proven track record in decentralized finance (DeFi), asset tokenization, cryptocurrency, and smart contract development, we empower businesses to innovate, grow, and lead the way.

The screenshot displays the Islamic Trading Platform's user interface. On the left, a sidebar menu titled 'MAIN MENU' includes 'Overview', 'Faculty Manage...', 'Bookstore Inventory', 'Supplier Orders', 'University Manage...', 'Reports & Analytics', 'Bulk Upload', and 'User Management'. The 'Faculty Manage...' option is highlighted with a blue background. The main content area features a search bar at the top. Below it, a section titled 'Faculty Management' provides statistics: 'Total Universities 29 Universities currently active on Edusource', 'Total faculty 1 Faculty currently active on Edusource', 'Active faculty 32 Faculty who've submitted textbook lists this term', and 'Pending 90 Faculty yet to submit'. Further down, another 'Faculty Management' section shows a table of faculty members with columns for Name, Email, University Name, and Courses. The table lists 10 entries, including Abhishek Punj, Anurag Sharma, James Webb, Rajat Sharma, Faculty 2 lm, Faculty 1 lm, Faculty 2 lm, and Faculty 1 lm, all from the University of Central Florida (U...). Courses listed include ART108, COM201, BA-01, AE-92, BA-01, 432, 12345, 12346, and 12346. At the bottom of the table, there are navigation buttons for '1-20 of 30' and a page number '1'.

