

AcademEase

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Project no. 15009006
Cloud Computing Workshop with AWS



The Existing Challenges

Course Registration

Each year, students must manually select courses while considering multiple constraints (e.g., required courses, elective courses, schedule conflicts). This process is time-consuming and frustrating, especially if plans need to be revised.

Knowledge Sharing

Students primarily use two platforms: Agudrive (Google Drive) for lecture notes, tests, and summaries, and WhatsApp for quick sharing. Both solutions have limitations- Agudrive's user experience could be improved, and WhatsApp's chat format often leads to files get lost in busy Whatsapp chats especially during finals.

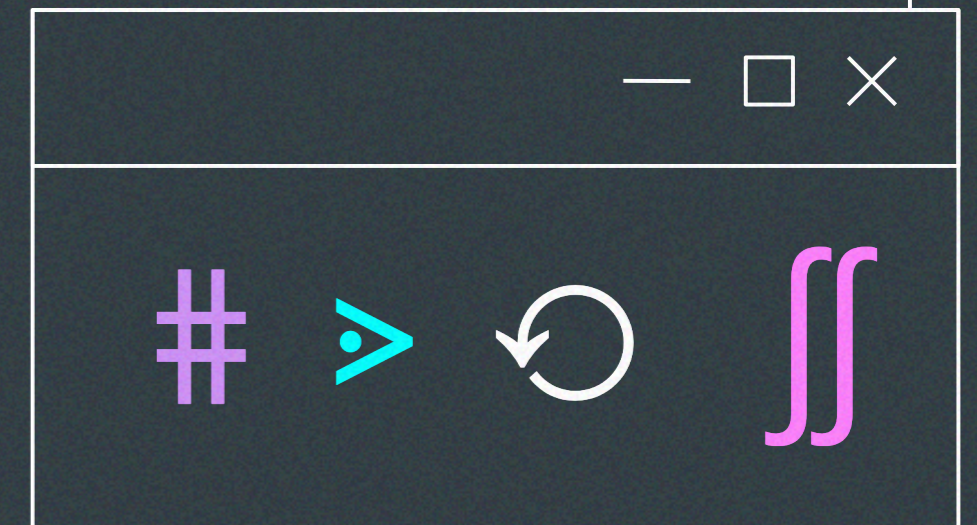


Our Solution

AcademEase is a web application designed to simplify students' academic lives. We offer two main features:

Schedule builder to help you plan your courses registration for the upcoming semester.

Custom drive system simplify students' access to shared documents, unifying all the resources into one easy to handle platform



Home Page



ברוכים הבאים!

איך נוכל לעזור לך היום?

הקורסים המועדפים

- ♥ אלגברה לינארית 2
- ♥ ארגון המחשב ושפת סף
- ♥ חשבון דיפרנציאלי ואינטגרלי 2
- ♥ אלגוריתמים



בוא נבנה מערכת לסמסטר
הבא



בוא נמצא חומרי עזר
ללימודים



Custom Drive System

בחר קורס | אלגברה לינארית 1

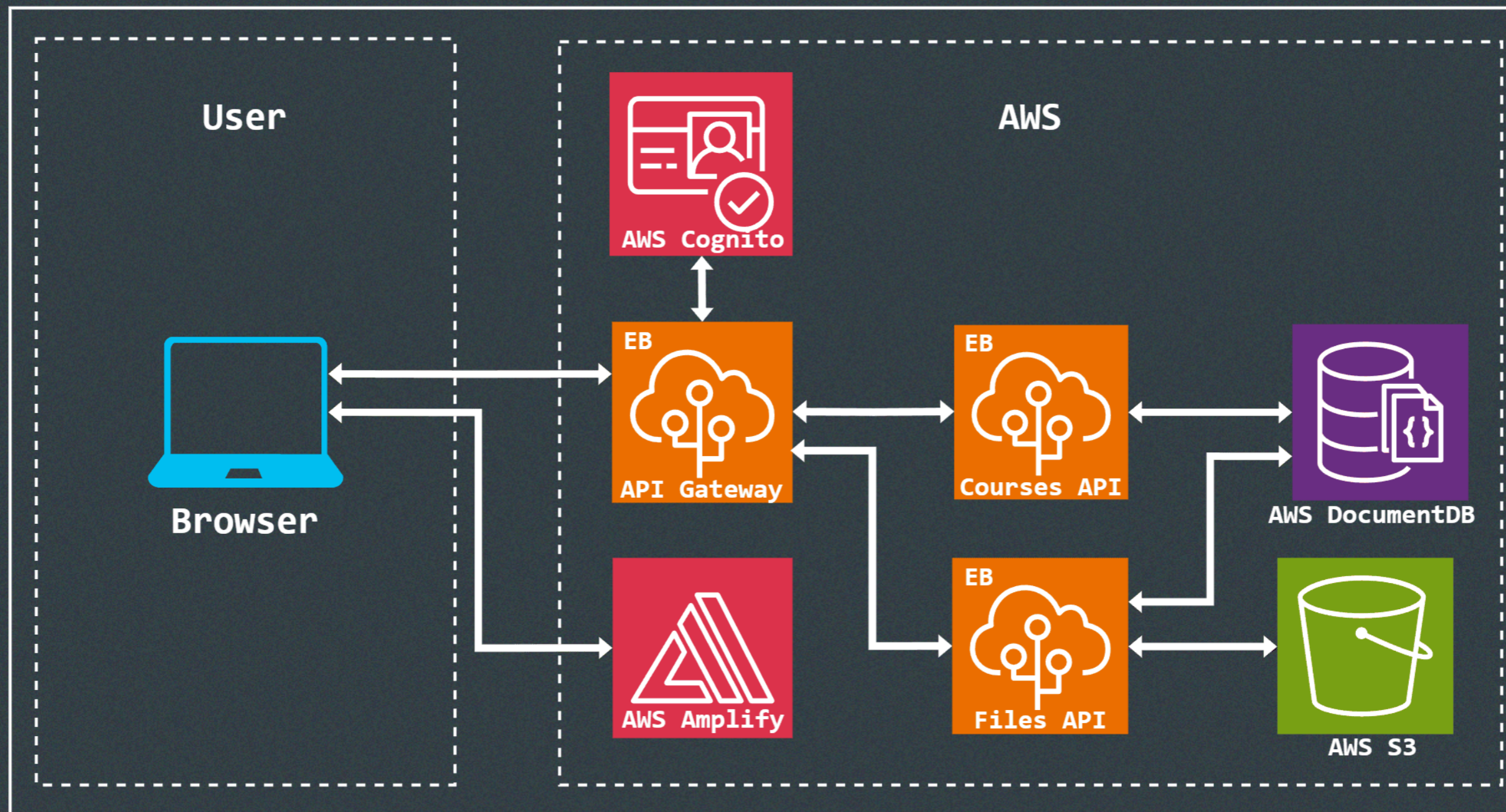
הוספה למועדפים

חומרי עזר | מבחנים - פתרונות | מבחנים - שאלונים | מחברת | סיכומים | סרטונים | שיעורי בית | תרגילים

שם הקובץ	תאריך שינוי אחרון	גודל	הורדה
pdf.2006.11.06	17/8/2024	2.09 MB	↓
pdf.2008.10.13	17/8/2024	88.90 KB	↓
pdf.2008.11.07	17/8/2024	93.19 KB	↓
pdf.2010.06.30	17/8/2024	2.45 MB	↓



Architecture & Technologies



FastAPI



React





Other Solutions- Schedule Builder

Other schedule builders and generic tools require users to manually input events one by one.

Our solution uses official course information provided by the college (groups, lecture times, etc.), allowing students to quickly and easily try out different schedules in seconds.





Other Solutions- Custom Drive System

Uploading materials to Agudrive is inconvenient, many students avoid it, opting to share private drives, which are lost when they graduate.

WhatsApp is used for quick file sharing, but files are often buried in chats.

Our drive system features a more intuitive UI, is extendable, and lets users view only relevant courses. Future updates will include file uploads and more features.



Upcoming- Files Upload

Each user can upload a file to the drive.
Upon upload, a request will be sent to users with "maintainer" role.
The maintainer could either approve or decline the request based on the relevance, source, etc.

All of the above features are fully supported by the server and yet to be implemented in the UI.

