



ATM RELIS

Raeda

Tailor your fitness journey with AI

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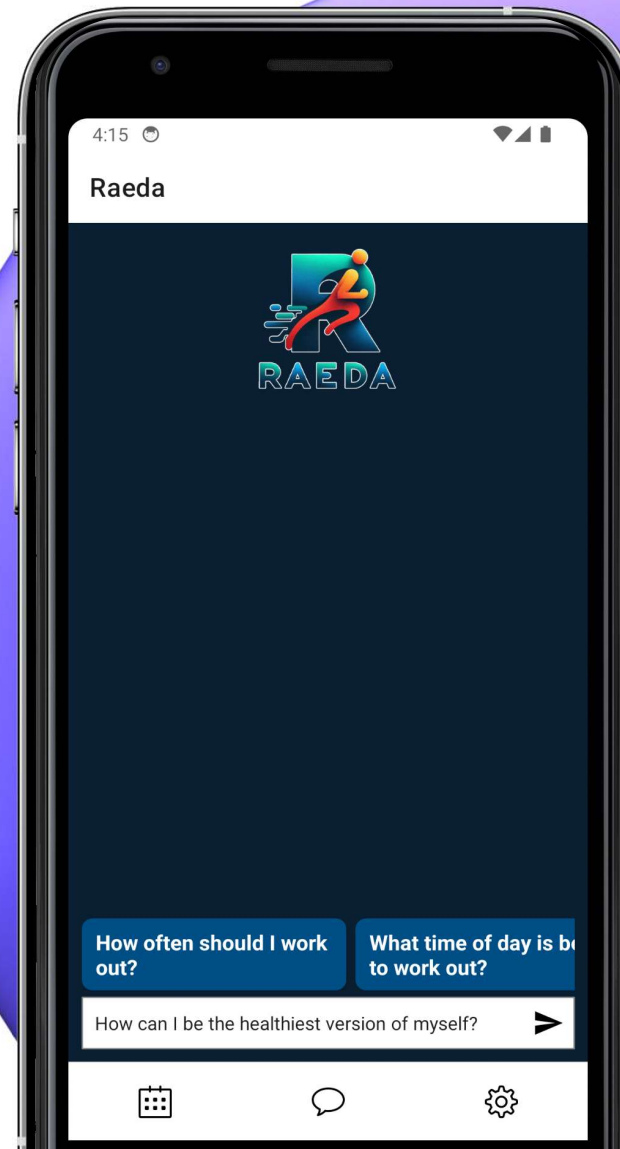


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Project Timeline



Technical product overview



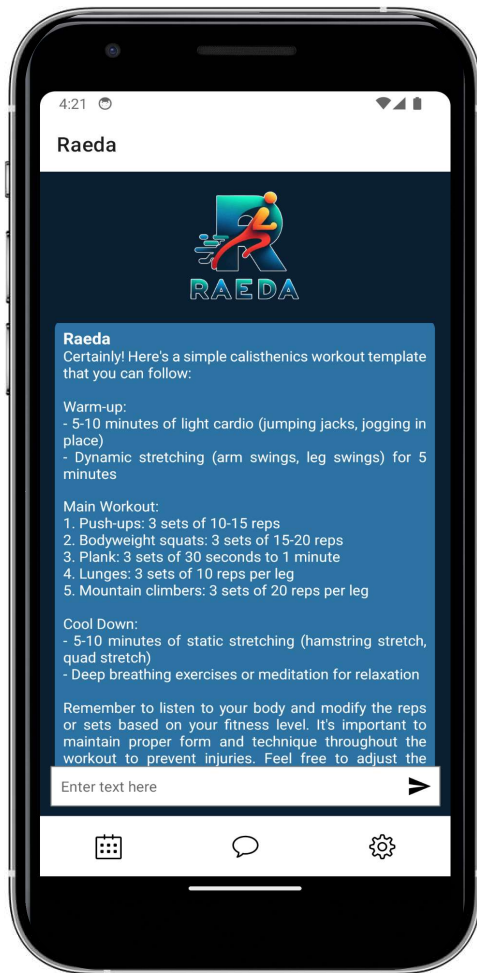
Reflection



The problem —

- Lack of customization, motivation, and accessibility in the fitness industry.





The solution —

AI-Driven Fitness: Transforming personal fitness with AI.

Dynamic Workouts: Customized plans using ChatGPT's API.

User-Centric: Adapts to individual goals and preferences.



Our mission statement

“At Raeda, we transform personal fitness with AI. Our app uses ChatGPT’s API to develop dynamic, customized workout plans that adapt based on user input and goals. It's interactive fitness: users share their objectives and preferences, and our app continually evolves their personalized regimen.”



Meet the team



Dana Schubert
Project Manager



Calen Williams
Mobile App Developer



Brandon Clipp
UI/UX Designer



Cayden Haas
QA Engineer



Our product

Feature #1

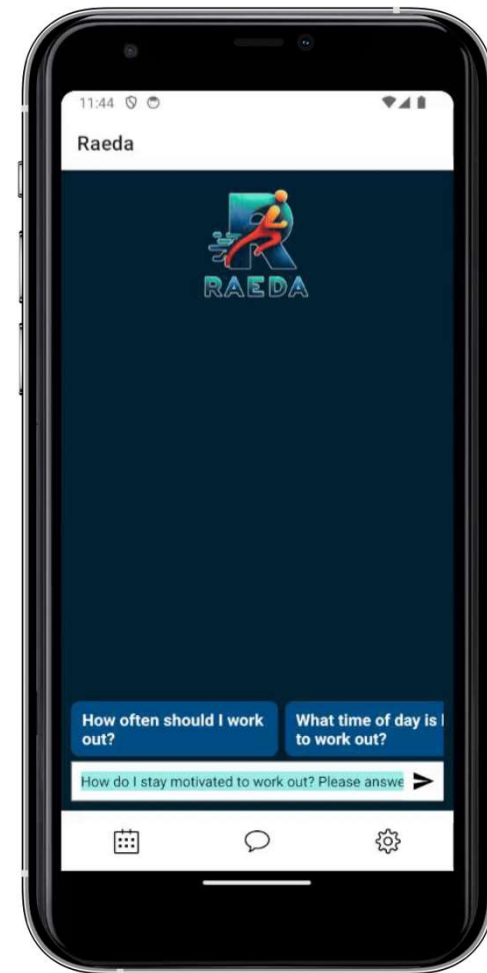
An AI assistant that provides fitness-tailored responses.

Feature #2

Pre-set prompts for creating workout plans and setting goals.

Feature #3

Integrated calendar to schedule workouts automatically.



Our product

Feature #1

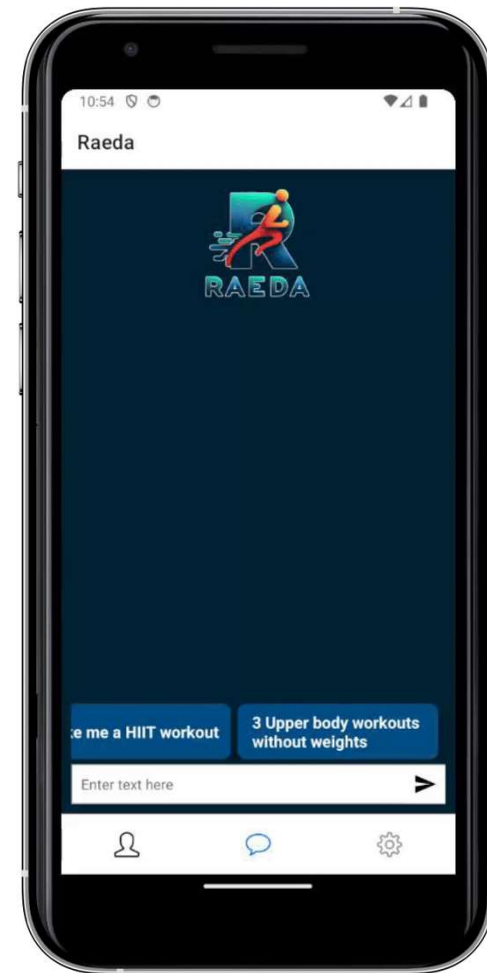
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Feature #2

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Integrated calendar to schedule workouts automatically.



Our product

Feature #1

An AI assistant that provides fitness-tailored responses.

Feature #2

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Feature #3

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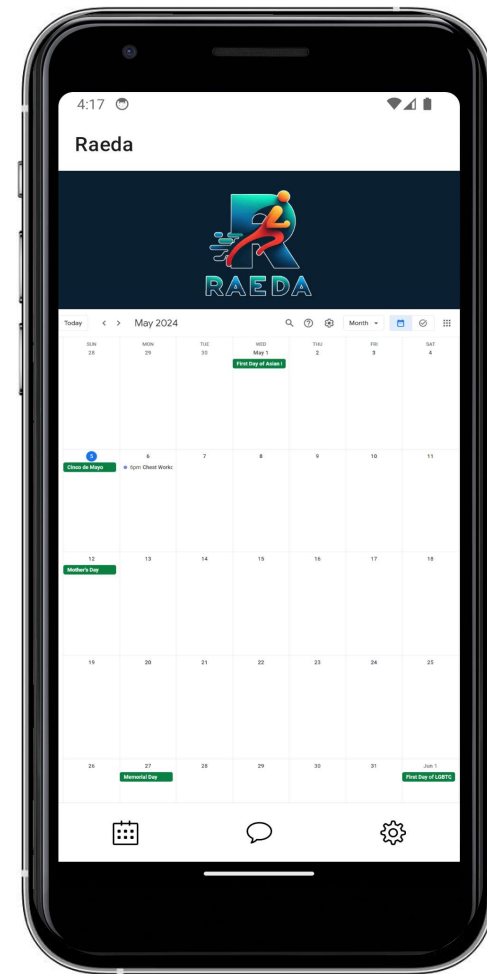


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Our methodology

Agile methodology used for:

- Iterative development
- Collaboration



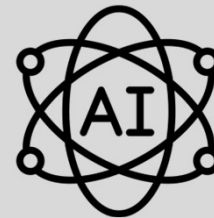
Sprint objectives



Sprint 1:
Key tools



Sprint 2:
Documentation



Sprint 3:
AI integration



Sprint 4:
UI improvements



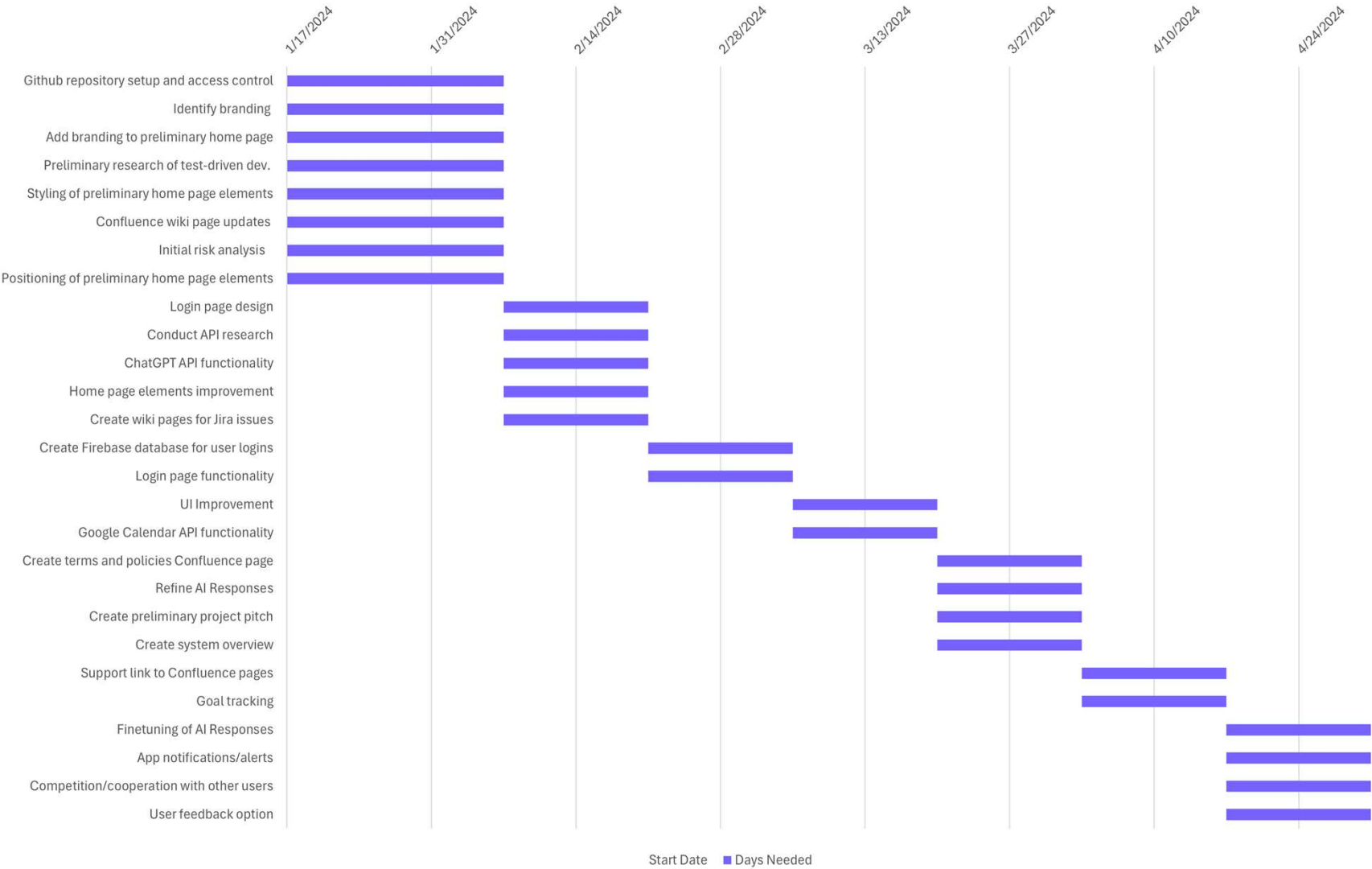
Sprint 5:
Response refinements



Sprint 6:
Final refinements



Raeda GANTT Chart



SWOT

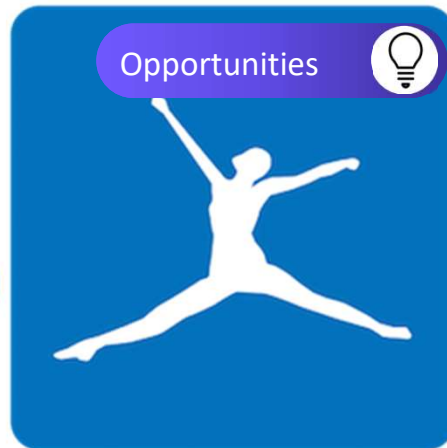
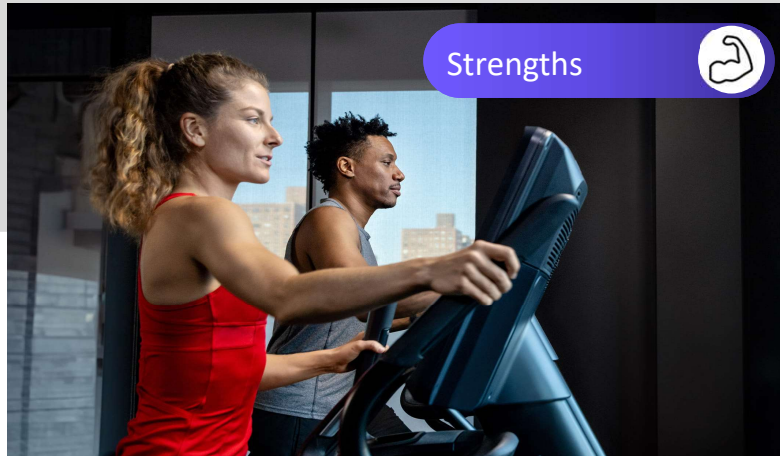


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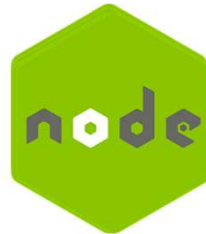
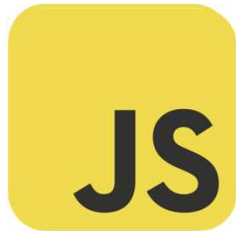
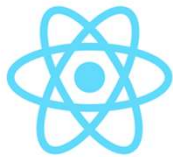
Technical product overview



Reflection



Tech stack



User stories

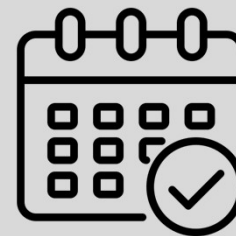
AI Coaching

As a user, I want the ChatGPT API integrated to enhance personalized fitness coaching and interactive support, ensuring seamless interactions for an engaging and effective experience.



Calendar

As a user, I would like the app to automatically add workouts to my calendar, so I can easily see when my workouts are scheduled.



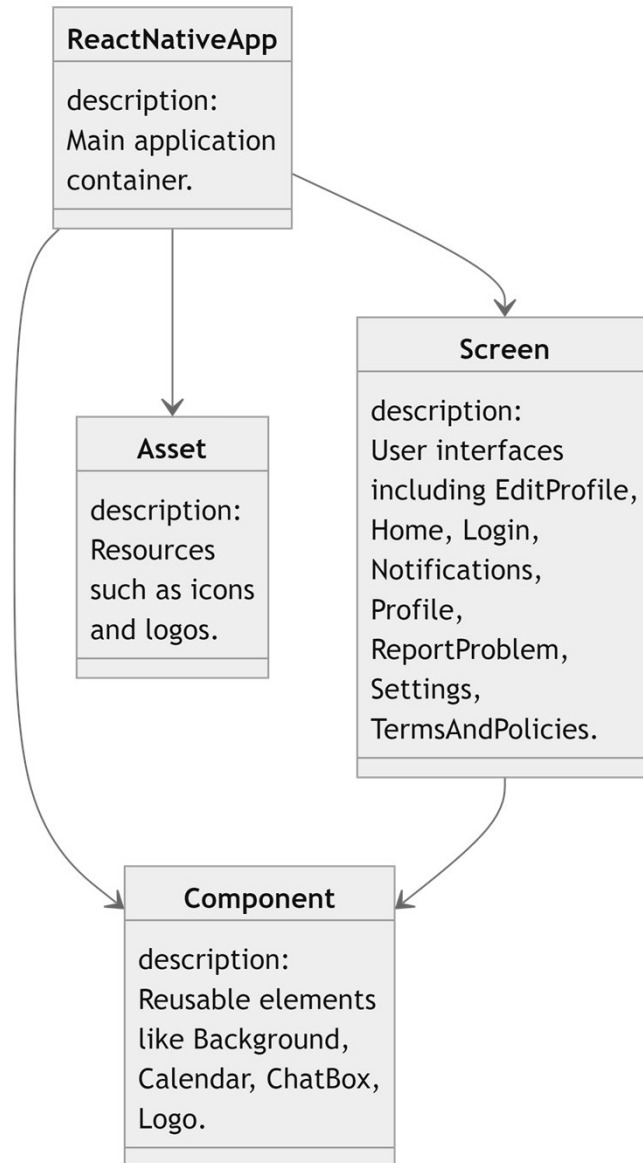
Peer user testing feedback

“The GPT provides clear answers to any questions or comments given. It is very interactive and tailors itself to my specific needs.”

“Text does not wrap into a new line in the GPT prompt.”

“The AI does a good job of keeping the user within the scope, providing an alert that keeps the user on track and on topic.”





Class diagram

ReactNativeApp: Main application container

Screen: User interfaces (EditProfile, Home, Login, etc.)

Component: Reusable elements (Background, Calendar, etc.)

Asset: Resources like icons and logos



API calls flow diagram

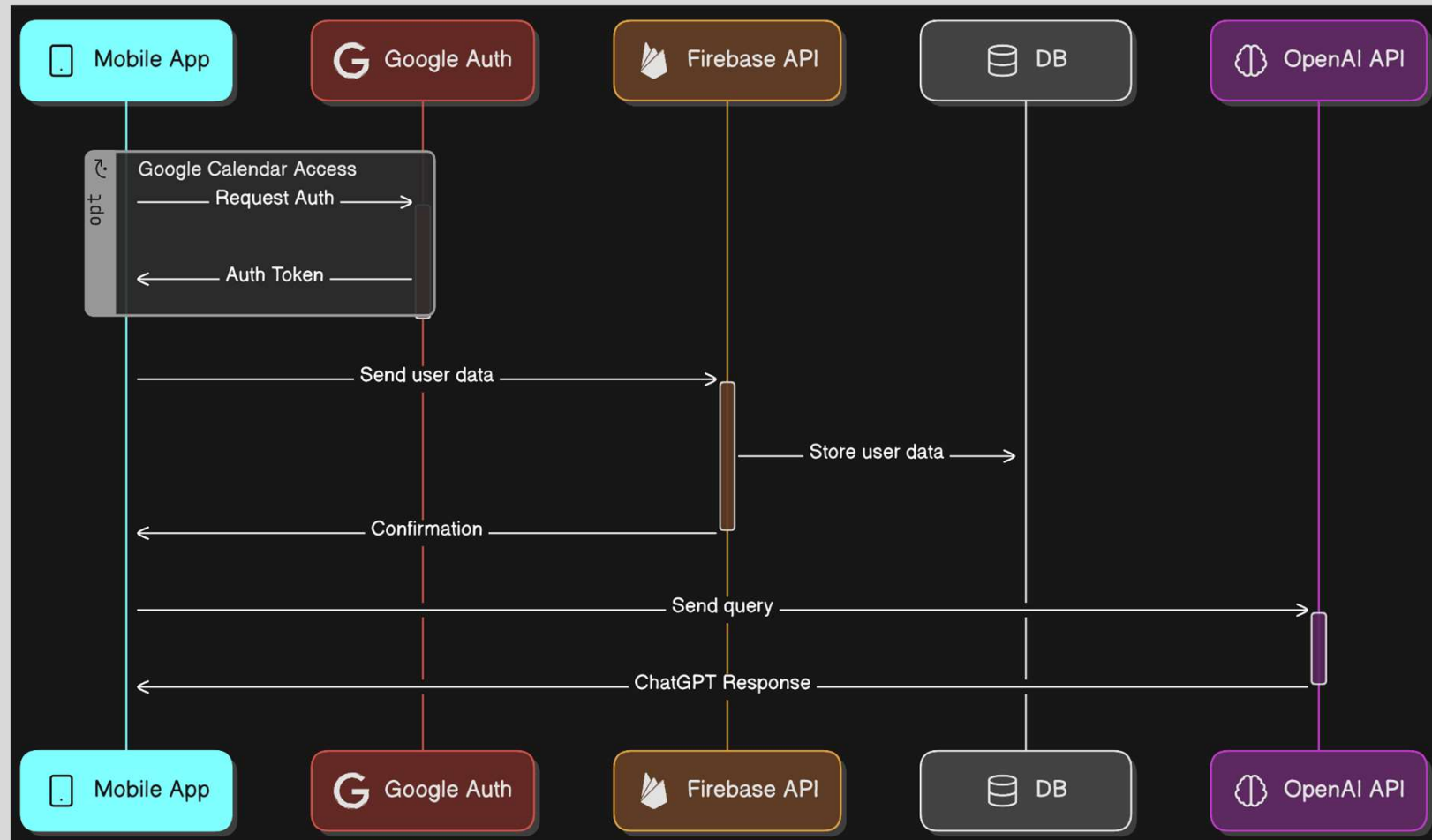


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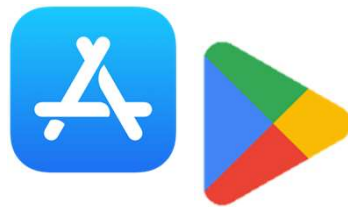


Our next steps



Additional features

Implementing goal tracking, notifications, and user collaboration.



Deployment

Launching to App Store and Play Store.

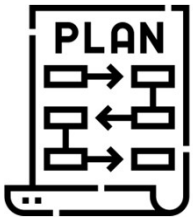


Testing

Rigorous testing to ensure the app performs well under stress and without errors.



Lessons learned



Essential planning



Agile methodology



Incremental progress



Time management



Seeking support



Thank you!

Thank you to Dr. Kotikela for his instruction within this last year and his support for our project.

Does anyone have any questions?

