



**KOÇ
UNIVERSITY**



Comp 491 Project Progress – Project Meeting 2



"Ülgen": Residence Activity Monitor and OR Solutions to
Disasters

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Project Description

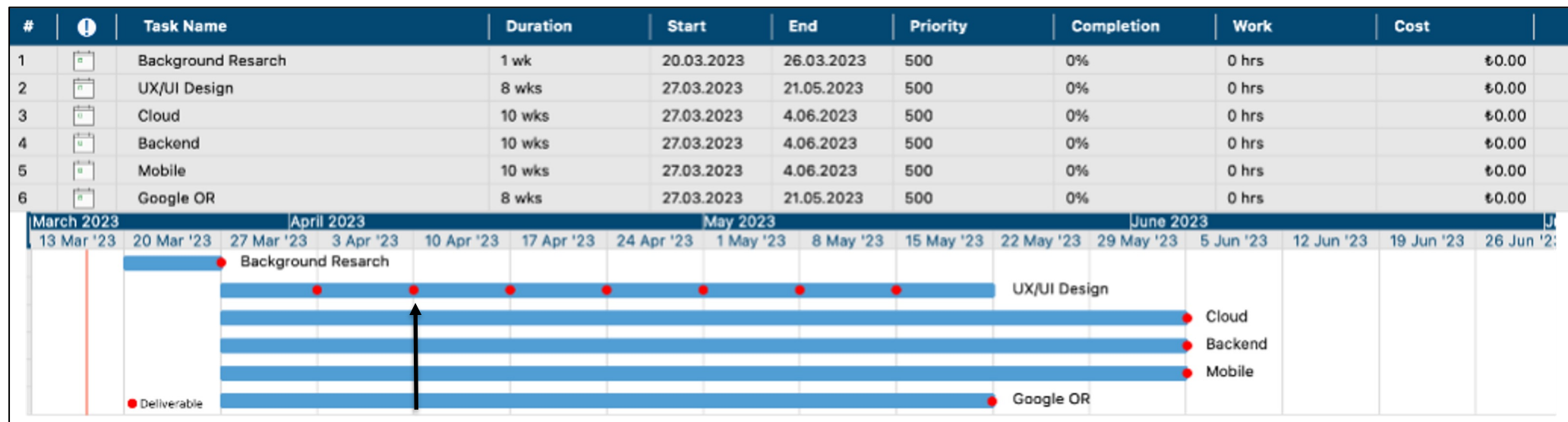
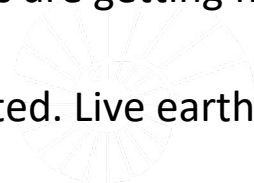
Background Research (All), UX/UI Design (Doruk),
Cloud / Backend (Kaan), Mobile (Can / Aybars), Google-OR (Can).





Previous Progress Meeting

- Member, Producer, Consumer, Google-OR (REST + ML) microservices are completed. (Kaan)
- <https://api.ulgen.app> is now available (SSL is active), and our 105 USD budget is approved by dean. (Kaan)
- Google-OR Algorithm is completed. Switching to the Mobile Team for Local Networking Solution. (Can)
- User flow is created, exploratory interview questions are getting finalized, app logo is created. Login, Registration, Password screens created. (Doruk)
- Mobile (Android Studio) Implementation phase started. Live earthquake Screen and login screen are completed. (Aybars)





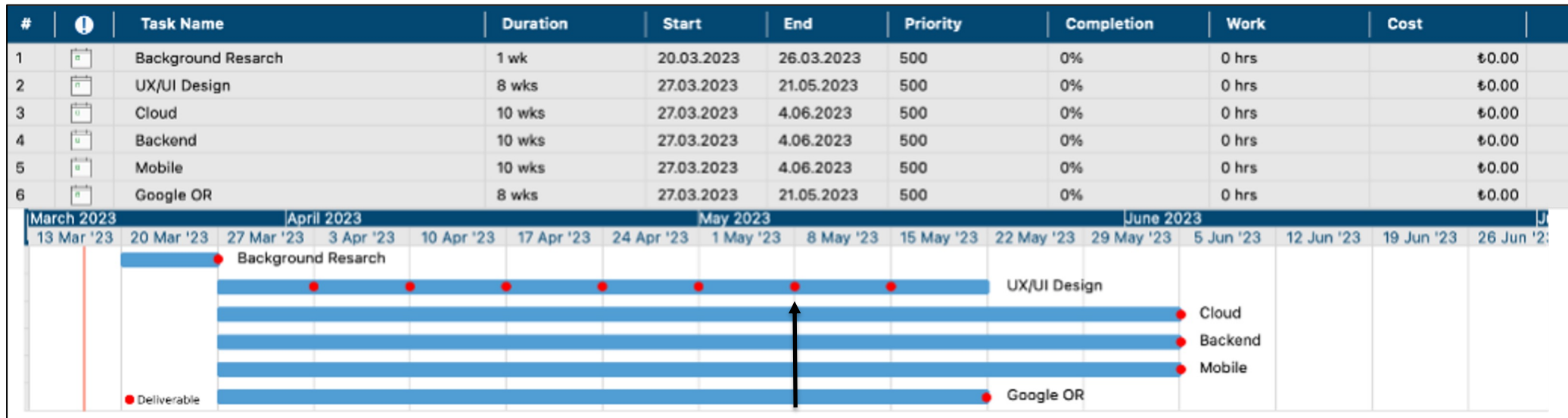
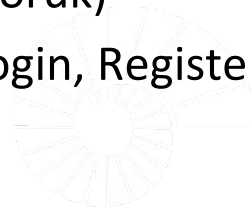
Previous Project Meeting - Problems / Solutions

- Cloud
 - N/A
- Backend
 - User Table Schema Changes when Gradle Build.
- Mobile
 - The Routing functionality was not using roads when displaying destinations. Fixed the problem using Google's API.
- UI Design
 - Figured that some screens design and their functionalities/buttons were not up to standard or unnecessary. Revised most screens.



Current Progress Meeting

- Email Verification / Forgot Password Endpoints are completed. (Kaan)
- Local Device Scanning is completed / Routing display is partially completed. (Can)
- Most screens updated, visuals revised and a majority of our application's screens are complete. Interview questions are revised and begun the interview process. (Doruk)
- Implementation of UI screens are completed (Login, Register, Reset Password, Start and Home Screen) (Aybars)





Next Project Meeting

- Realtime User Activity will be created. (Kaan)
- Routing display will be completed / Heatmap implementation will start. (Can)
- Complete all screens and website design, complete user interviews, help out Android. (Doruk)
- Application's functionality will be completed. Application screens will be updated. (Aybars)

