Recap:

* Research
  + Different approaches on AI text recognition
  + Comparison of Apps on the market
  + Element identification
  + Googles Vision AI
  + How to build own AI
  + Tracking technology
  + Competitor analysis, Reading up on cutting-edge research, Gathering useful technologies to build a toolkit for a tech-stack on mobile
* Concepts
  + Contextual Segmentation
    - Grouping and arranging detected integral texts in reading order to produce contextual text blocks
  + Image scaler
    - Resizing or cropping images to have uniform dimensions
  + Feature extraction unit
    - Convolutional neutral network to locate image patches with text
  + Integral embedding extractor
    - Learning visual and contextual feature embeddings for each detected integral text unit
  + Character classification unit
    - Convolutional neutral network to find characters in obtained image patches
* Implementation
  + Prototype
    - Text Recognition
    - Contextual Segmentation
  + Training AI
    - Supervised learning
    - Running through dataset (ICDAR) with reshuffled 461 images
  + Pruning and Quantization
    - Significantly and effectively reducing the number of parameters
    - Lowering memory demands
    - Raising performance
* Transparent access
  + GitHub and ClickUp
  + Documentation
  + Current development status