

Editor

iOS Application

The goal was to deliver working implementation of the shared screen recording, similar to Editor in Medium Application. [Project Link](#)

Problem

- Toolbar on top of the Keyboard for editing options, Keyboard is a bit tricky in iOS since there is no dedicated button to dismiss, also the system is not responsible for the views the are hidden behind the keyboard.
- Switching the Text Format of the entire paragraph when the Format Button is pressed, and use the Heading 1 Format just for the first line of text.
- On calling `.reloadData()` on UITableView firstResponder was Resigned, default behaviour but annoying UserExperience.

Scariest Assumption

Choosing single UITextView in order to achieve the desired functionality, after implementation and few workarounds came to the conclusion that the task will become much complex for improvements and later additions.

Instead a UITableViewCell with UITextView with automatic height was utilised, comparatively easier and organised implementation with exact replica of the Application in terms of functionality and look.

Solution

Desired functionality and results were achieved to the best of the observation, standard code snippet for handling Keyboard and Scroll was utilised, strong references were avoided to prevent memory leak, `.automaticDimension` to adjust variable size, special care for merging two different text or handling backspaces. Although problems were handled there is still room for improvement.

Assets

