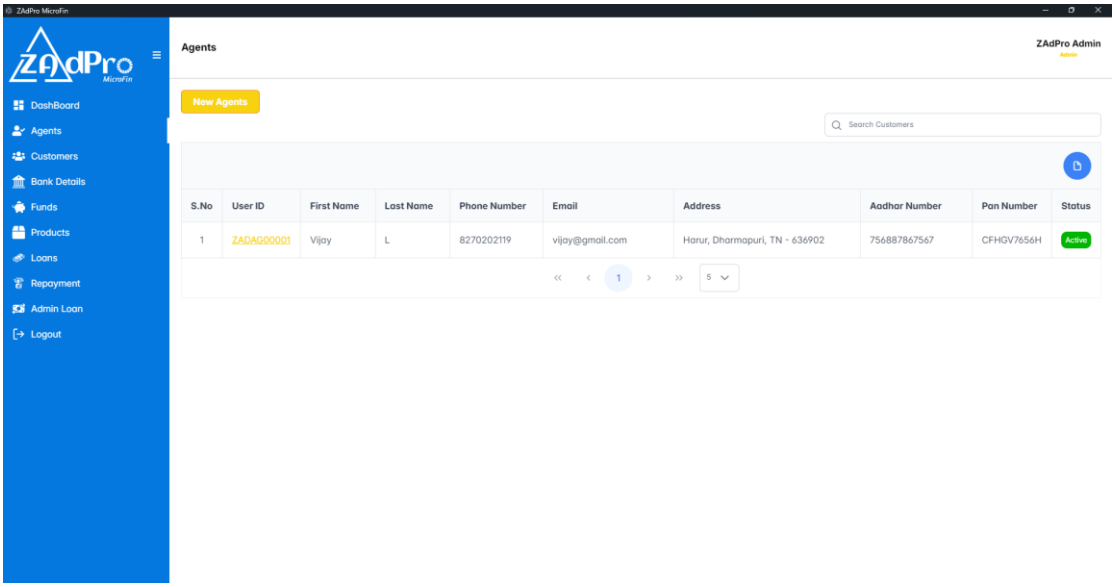
Migration of system software into mobile applications

1. **Platform Architecture**
    a. Our Electron – Exe file runs in a desktop environment with Node JS (We can use this for multiple operating systems – Windows, Linux and Mac).
    b. When come to mobile, while migration, it will loss the native support of android and iOS. It will cause the navigation and storage issues like – file export, file storage – storing, mobile navbar, etc...
2. **API integration**
    a. While using the system software, we use the native support of windows to communicate with the server (ipcRenderer, remote)
    b. When come to mobile, we use the axios to communicate with the server
3. **UI difference**
    a. Desktop UI
        i. Layouts, modals, popups, and sidebars are desktop-style
    b. Mobile UI
        i. Redesign UI/UX for smaller screens and touch interfaces.
4. **Performance**
    a. Desktop UI
        i. Works smoothly in windows and respective OS. Doesn't support other platforms
    b. Mobile UI
        i. Need to optimize and enhance the UI, images (if needed), need to include the animations for smooth effect.
5. **Notifications**
    a. Desktop UI
        i. Doesn't require the notifications options
    b. Mobile UI
        i. Need to include the notification options, Login system (Google if needed), need to set up the permissions to access the local storage, notifications, etc...

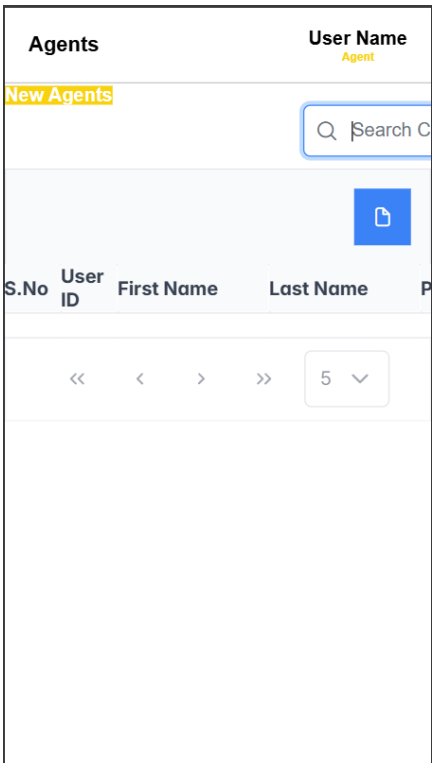
While conversion, it will affect the native support, smoothness, storage, libraries for UI.

Sample Screenshot

In Software:



In Mobile conversion:



While converting, the buttons are lost their styles, UI need to be enhanced. Need to optimize and enhance the UI for native mobile adaptability.