

COMP 590 - Android Development

SEDaily - P3 Design

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The Software Engineering Daily (SEDaily) is an open source project welcoming developers to hack on its existing repositories and also propose new projects that add value to its users. Its ecosystem comprises of -

- Backend services
 - REST API - serves as a backend for android/ios/frontend(vue.js)
 - Miner - source of all data for SE daily ecosystem
 - logging and analytics
- Vue.js(frontend)
- Android app
- IOS app

1 Architecture/System Diagrams

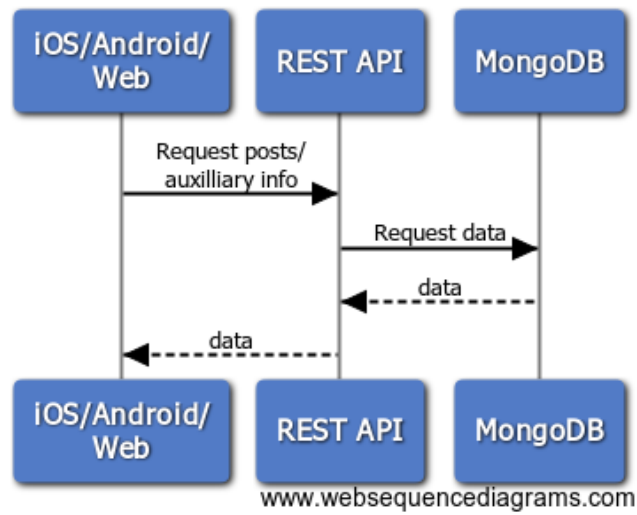


Figure 1: sedaily system diagram, source - softwaredaily.com

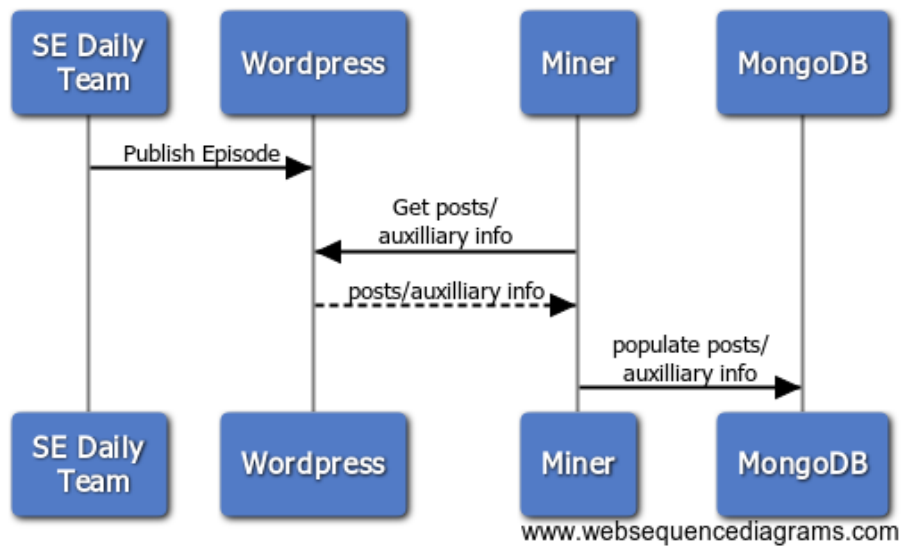


Figure 2: The data miner pulls episodes from wordpress and saves to mongoDB, source - softwaredaily.com

2 Use Case Diagrams

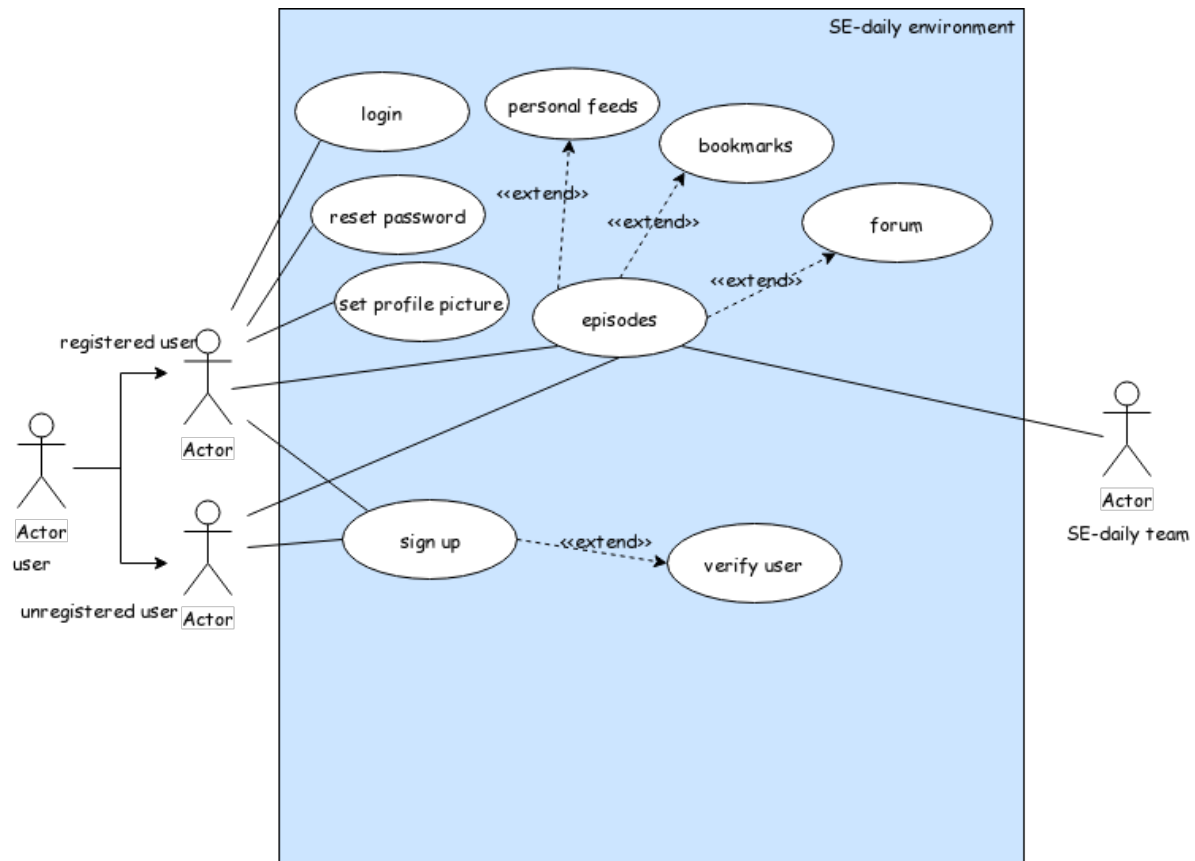


Figure 3: Use-case diagram showing interaction between user and SEdaily software components

3 App Interface Mockups

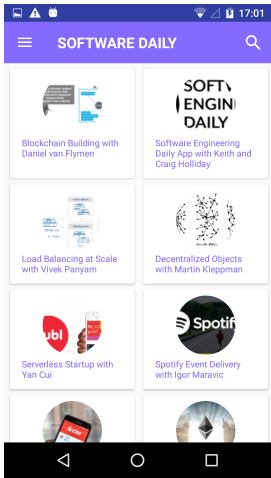


Figure 4: grid view & default main activity



Figure 5: list view with list/grid toggle button

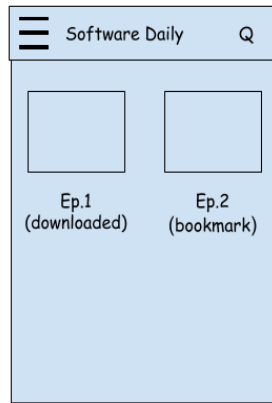


Figure 6: downloaded and bookmark episodes view mockup

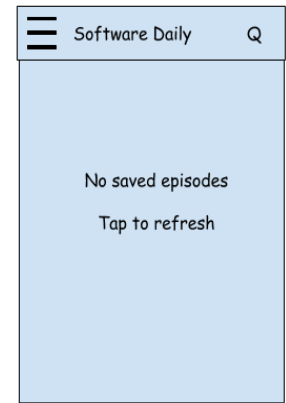


Figure 7: empty bookmark view mockup

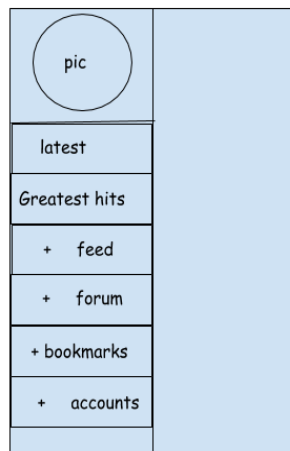


Figure 8: side-menu bar, will be the new additions



Figure 9: Forum integration mockup