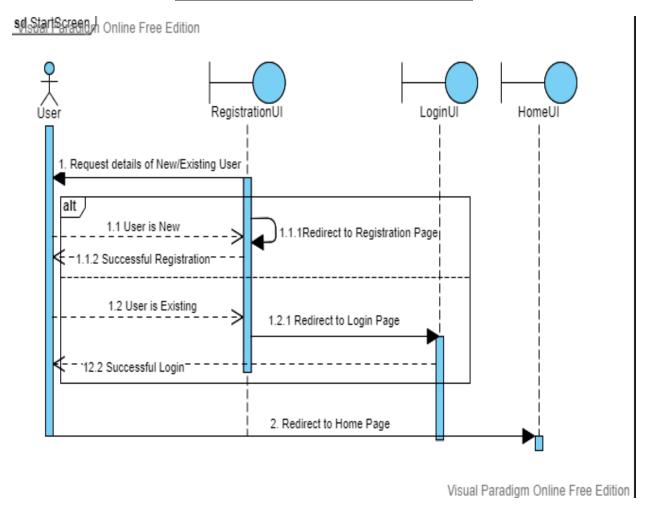
Sequence Diagrams

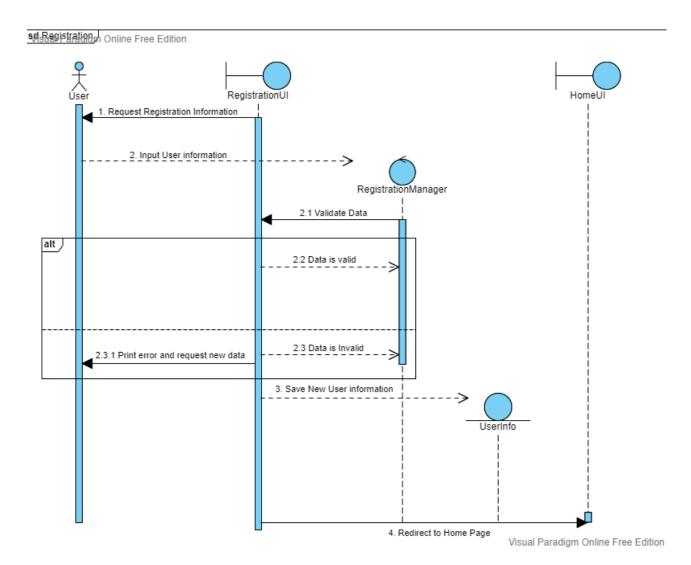
1. Start Screen

Figure 26: Start Screen – Sequence Diagram



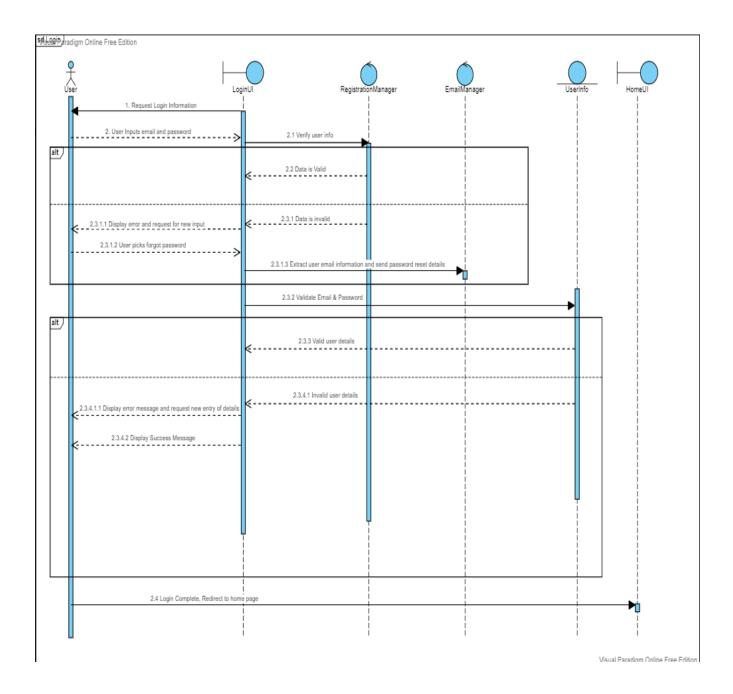
2. Registration Screen

Figure 27: Registration Screen – Sequence Diagram



3. Login Screen

Figure 28: Login Screen – Sequence Diagram



4. My Account Screen

HomeU ProfileUI ProfileManager UserInfo MyStatistics SettingsManager

1. Click 'My Profile'

1.1.1 Redirect to Profile Page

1.1.2 Display user info

1.1.3 View My Statistics

1.1.3.1 Retrieve user's statistics

1.1.3.2 Provide user's current statistics

1.1.3.2 Provide user's current statistics

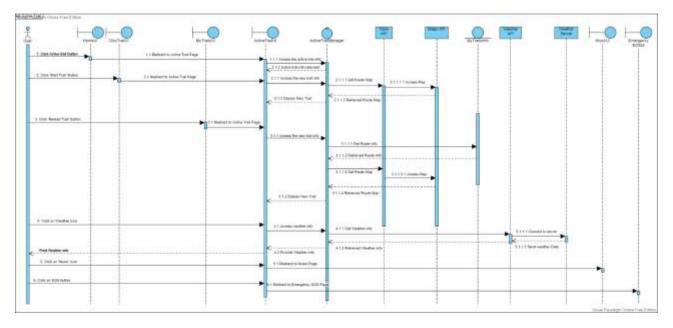
2.1 Redirect to edit 'personal profile'

Figure 29: My Account Screen - Sequence Diagram

5. Active Trail Screen



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6. Music Screen

User

1. Clicked on Music button and redirected to Music Page

2. Choose app to sync with

alt

3. Choose In app music

4. Choose YouTube

4.1.1 Connect to YT

4.1.1 Connect to user account

4.1.1.1 Connect to server

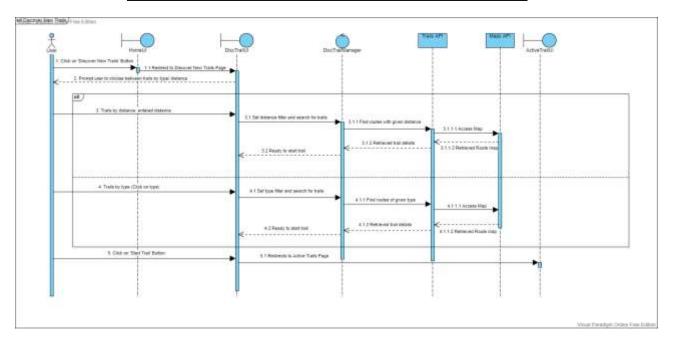
4.1.2 Load playlists

Figure 31: Music Screen – Sequence Diagram

7. Discover New Trails Screen

Figure 32: Discover New Trails Screen – Sequence Diagram

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8. Home Screen

sd Home adigm Online Free Edition 1. Clicks on My Account button 1.1 Redirect to Profile Page 2. Clicks on Discover New Trails button 1.2 Redirect to Home page 2.1 Redirect to Discover New Trails Page 2.2 Redirect to Home page 3. Clicks on Settings button 3.1 Redirect to Settings 3.2 Redirect to Home page 4. Clicks on My Trails button 4.1 Redirect to My Trails 4.2 Redirect to Home Page 5. Clicks on Active Trail Button 5.1 Redirect to Active Trails Page 5.2 Redirect to Home Page 6. Clicks on Emergency SOS button 6.1 Redirect to Emergency SOS Page 6.2 Redirect to Home Page Visual Paradigm Online Free Edition

Figure 33: Home Screen – Sequence Diagram

9. My Trails Screen

SANDE Fellsoigm Online Free Edition MyTrailsInfo HomeUl MyTrailsU 1. Click 'My Trails' Icon 1.1 Redirect to My Trails Page 1.1.1 Request for saved trails info 1.1.1.1 Extract saved trails info from database 2. Print all saved trails 1.1.1.2 Send retrieved data 1.1.2 Display saved trails info 3. Clicks city/ nature trail 3.1 Load trail specific info 3.2 Print trail specific info Prompt user whether they'd like to restart the trail 4.1 Redirect to Active Trail Page 4. Click 'Restart Trail' Button Visual Paradigm Online Free Edition

<u>Figure 34: My Trails Screen – Sequence Diagram</u>

10. Emergency SOS Screen

sd Emergency SOS Ine Free Edition ActiveTrailUl HomeUI Press SOS button 1.1 Redirect to Emergency SOS Page 1.1 Redirect to Emergency SOS Page Press SOS Button 1.1.1 Select Contact 1.1.1.1 Confirm Caller Details 1.1.1.2 Verified Caller Details 1.1.2 Redirect to SOS Page 2. Press 'Choose Emergency Contact' Button 2.1 Change Emergency Contact 2.1.2 Verified Caller Details 2.2 Redirect to SOS Page 3. Press Call Button 3.1 Place Call Visual Paradigm Online Free Edition

Figure 35: Emergency SOS Screen – Sequence Diagram

11. Settings Screen

Figure 36: Settings Screen – Sequence Diagram

