

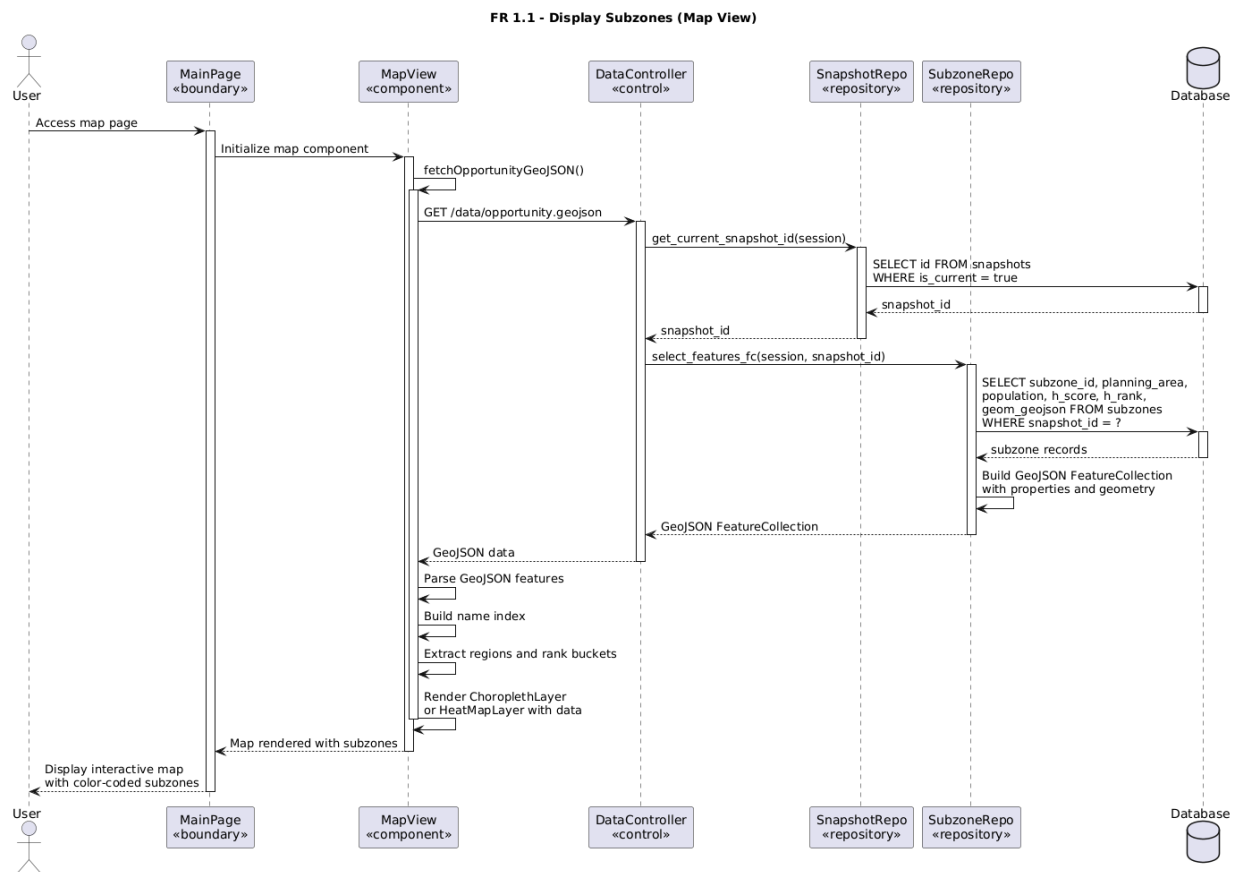
Sequence Diagrams

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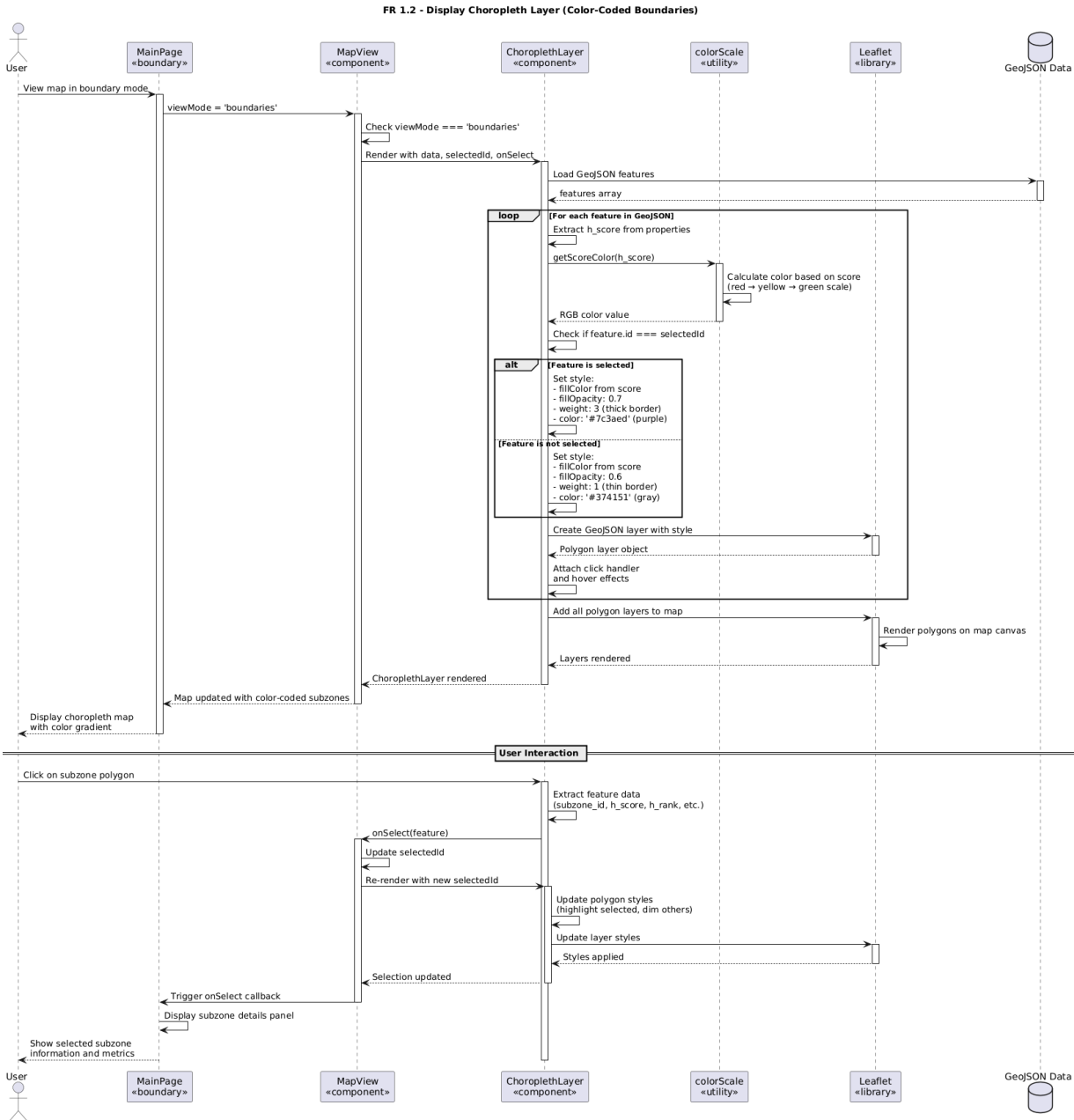
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I. For Use Cases Under 1 (Display map)

1.1 DisplaySubzones

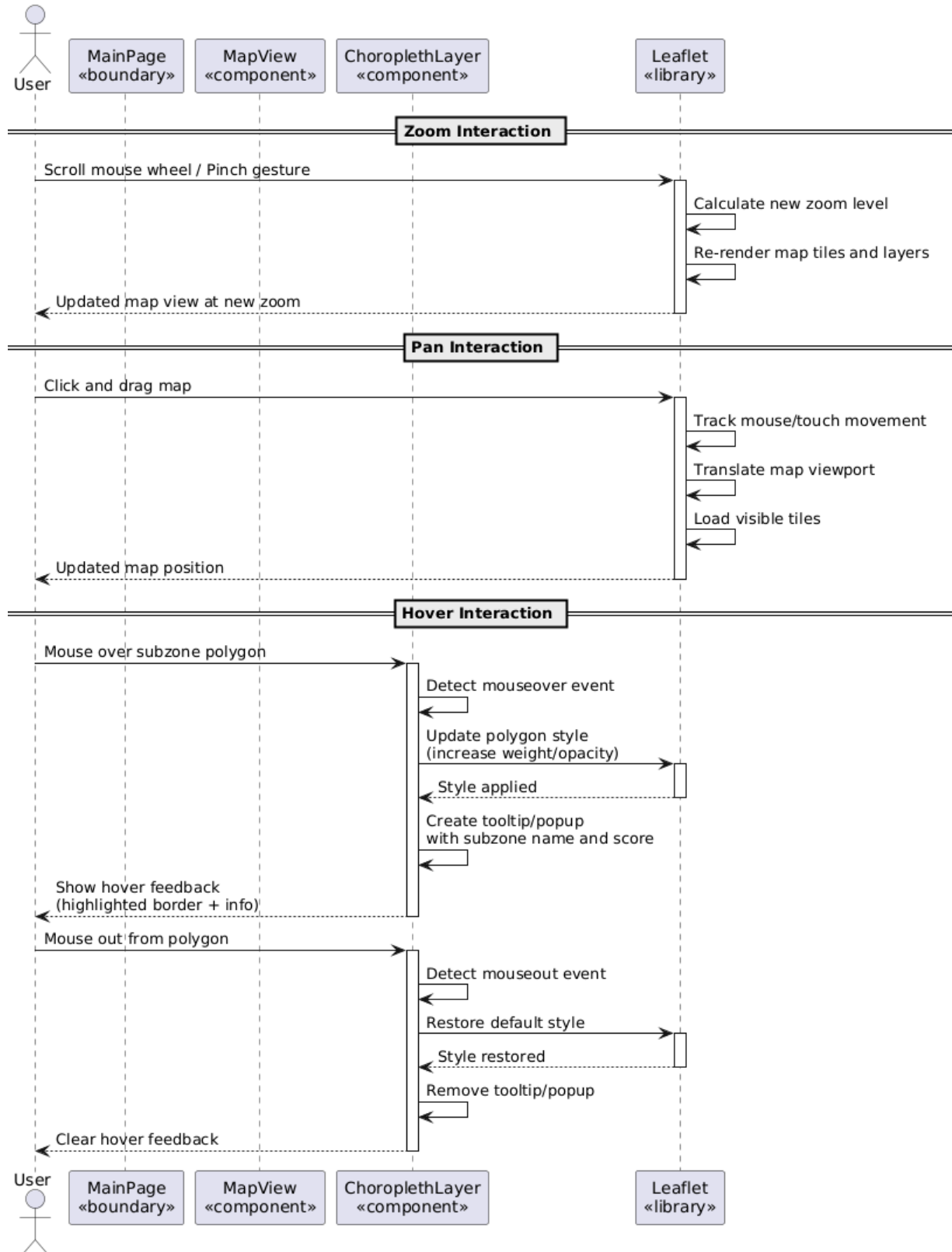


1.2 Choropleth layer



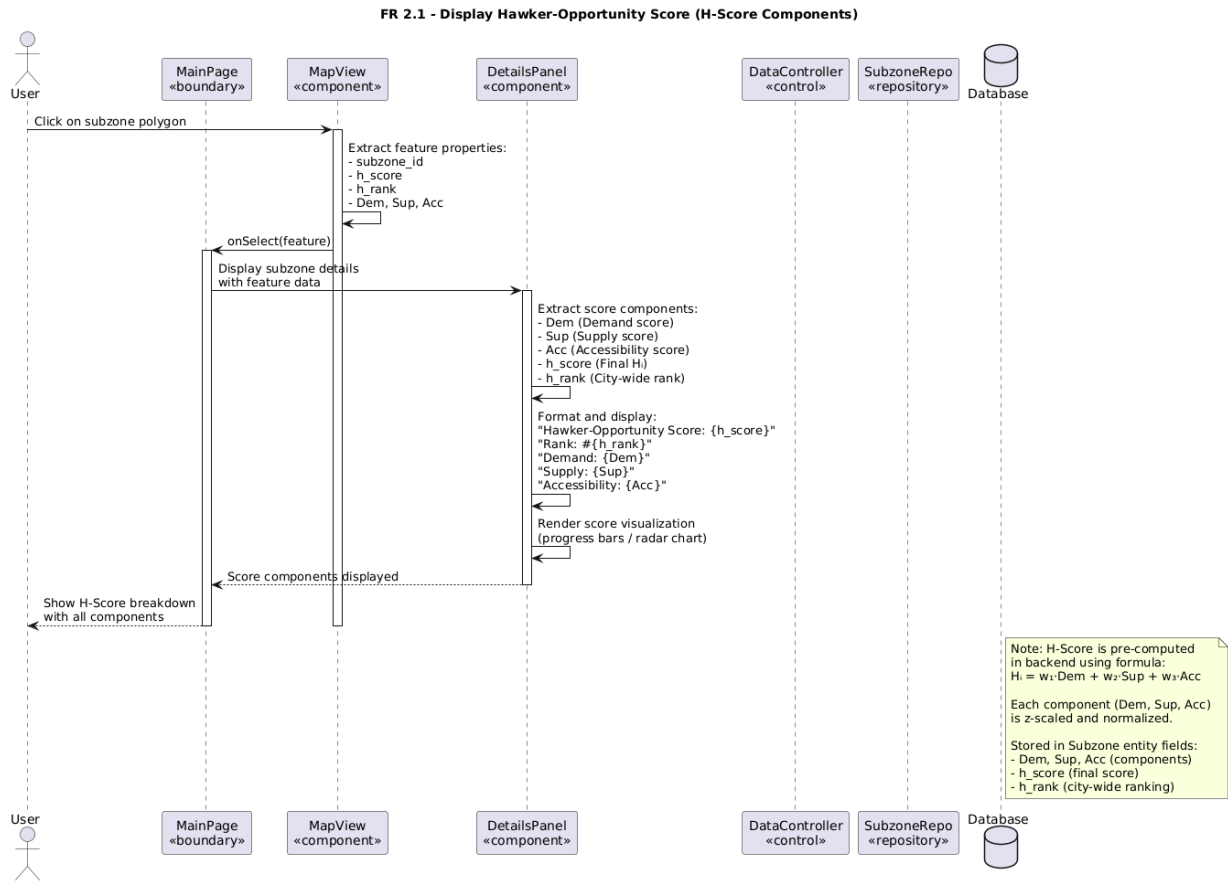
1.3 MapInteractionControls

FR 1.3 - Map Interaction Controls (Zoom, Pan, Hover)

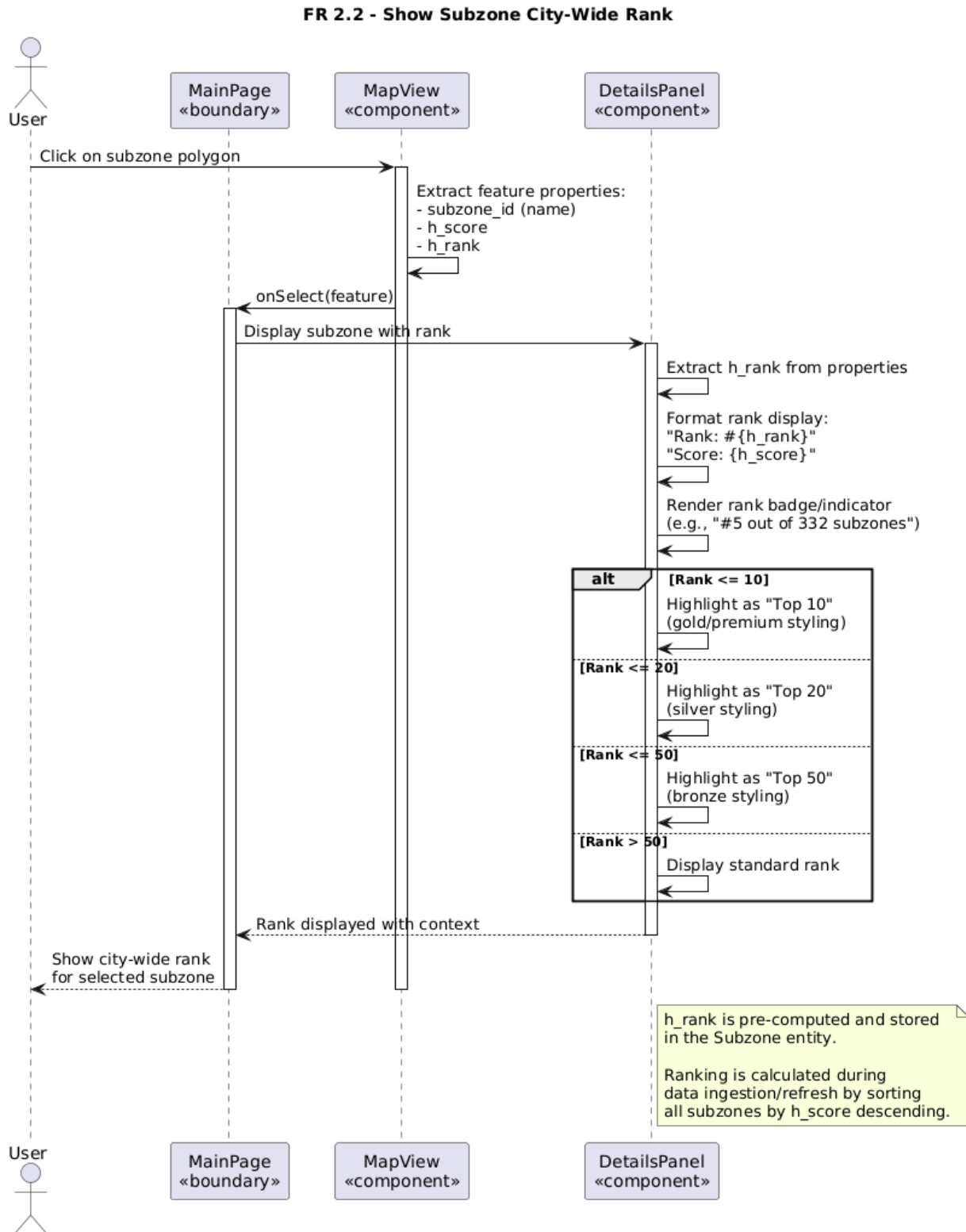


II. For Use Cases Under 2. (Display score and rank)

2.1 Hawker-Opportunity Score

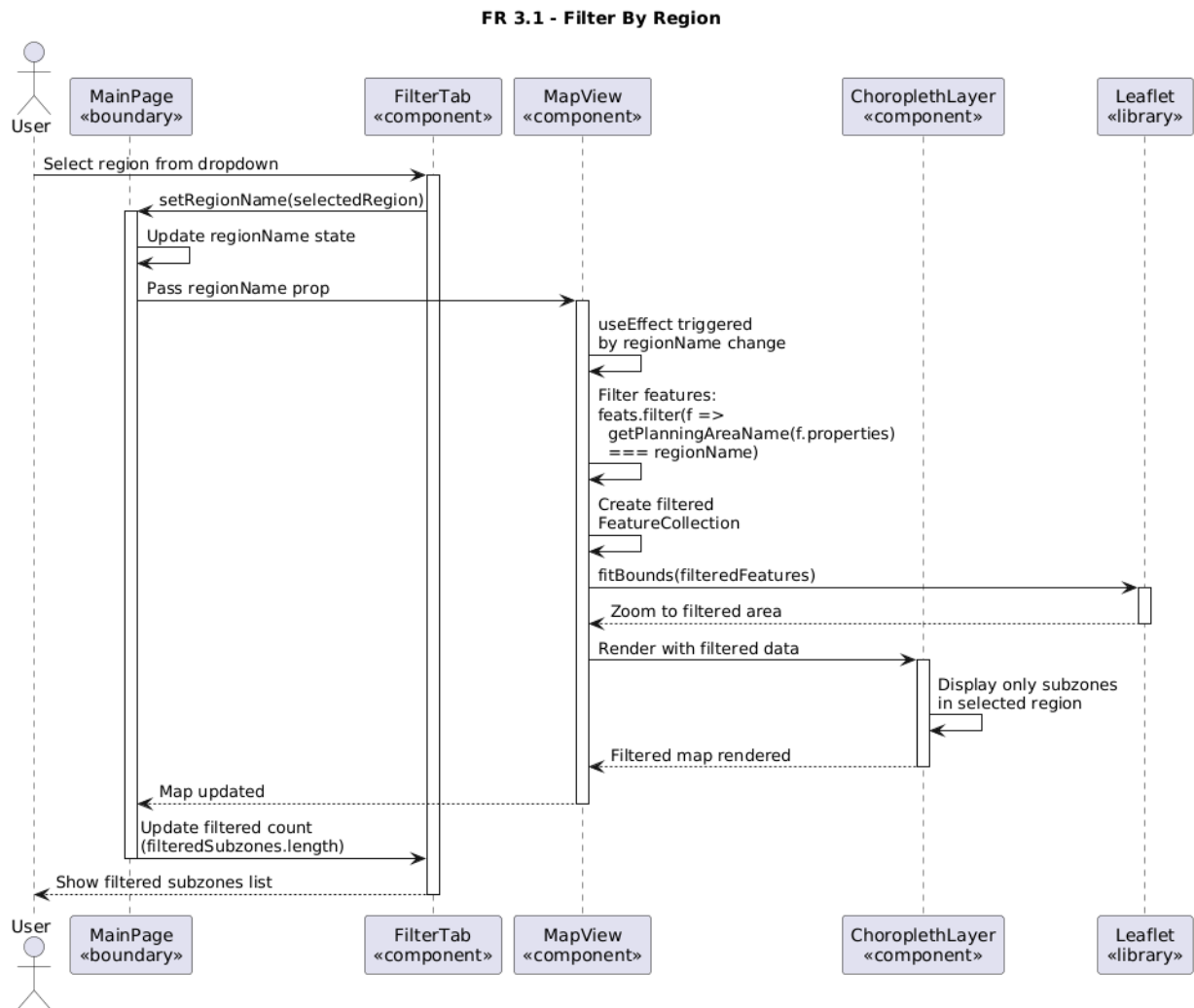


2.2 ShowSubzoneRank



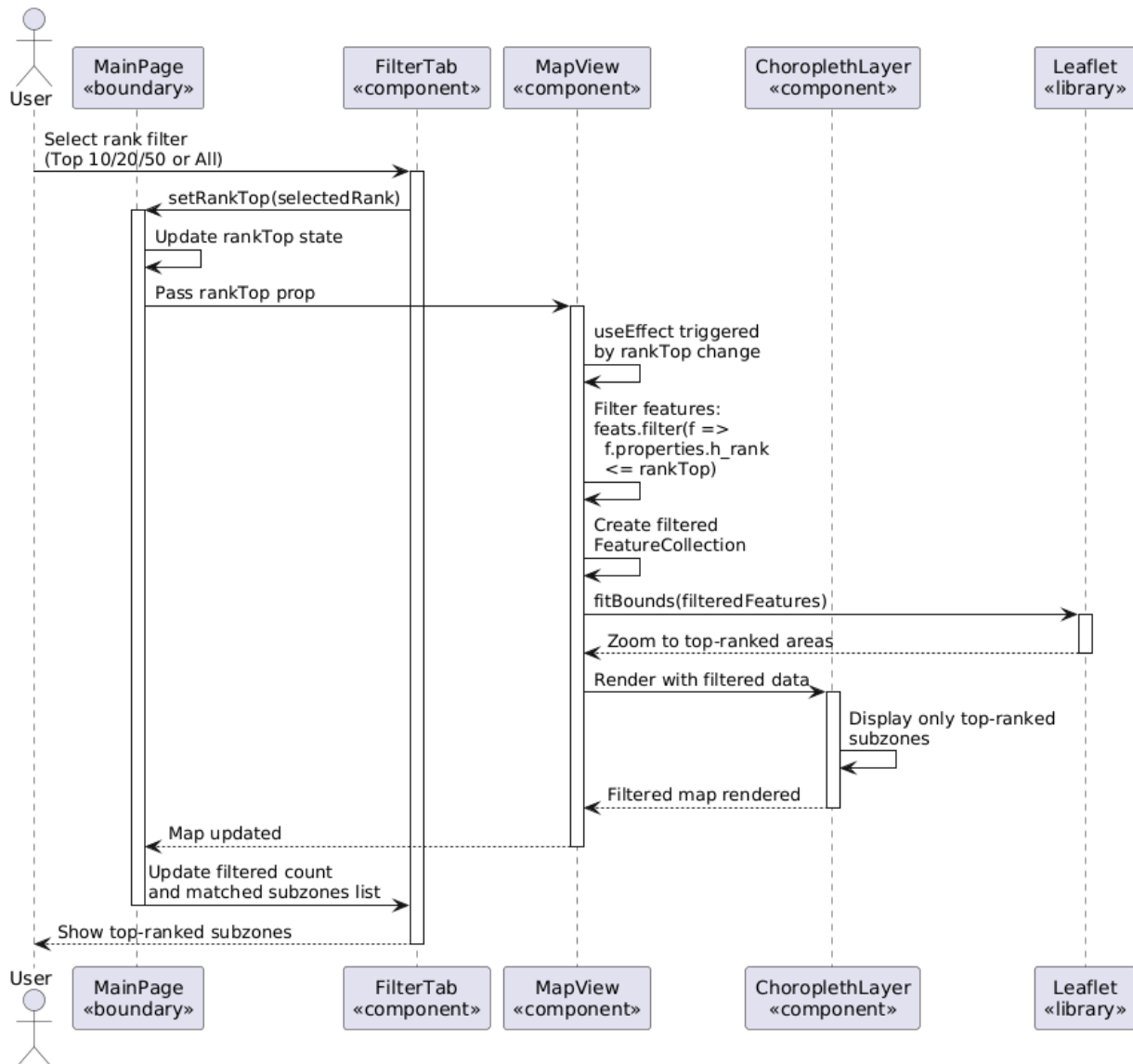
III. For Use Cases Under 3. (Filtering and search)

3.1 FilterByRegion



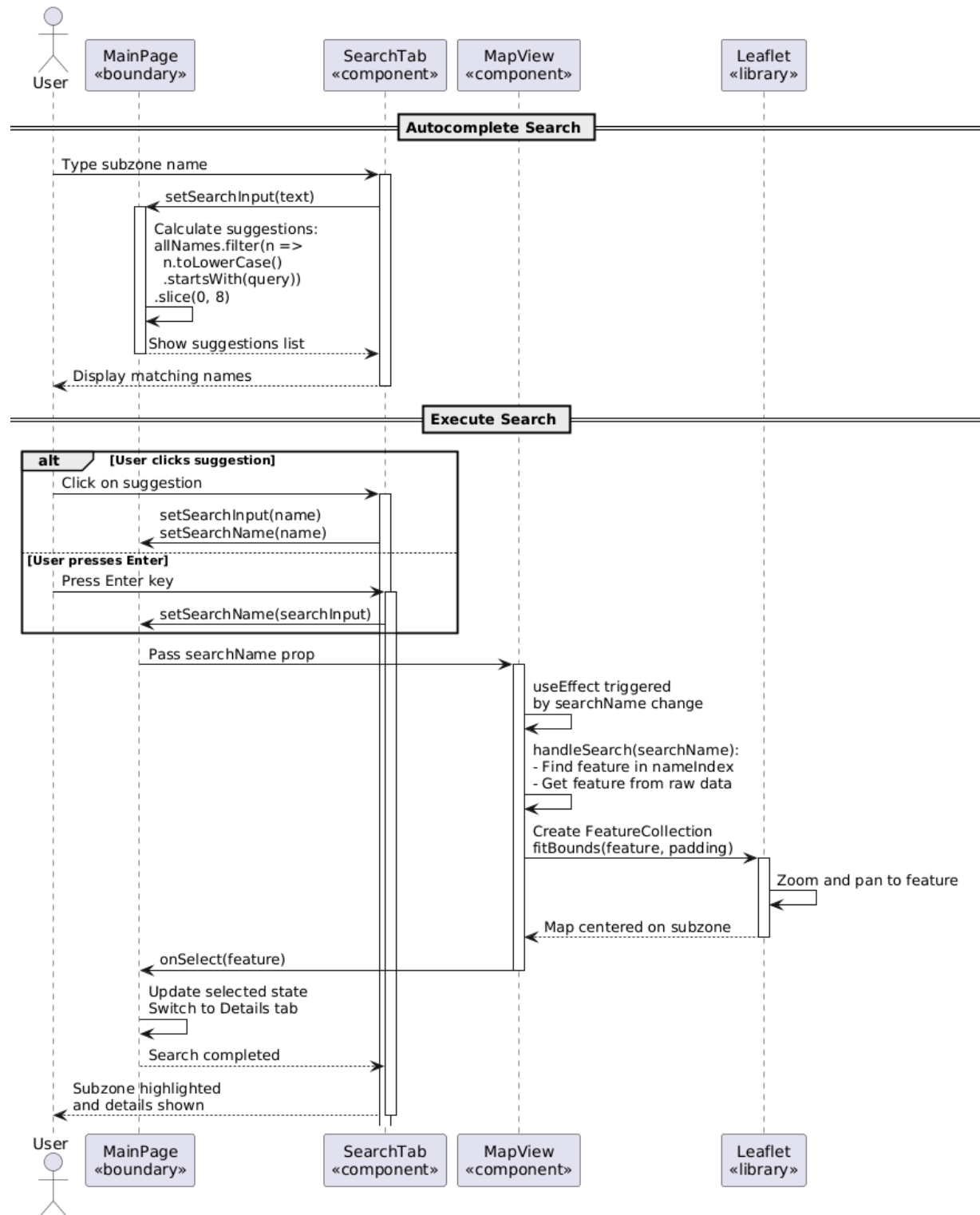
3.2 FilterByRank

FR 3.2 - Filter By Rank



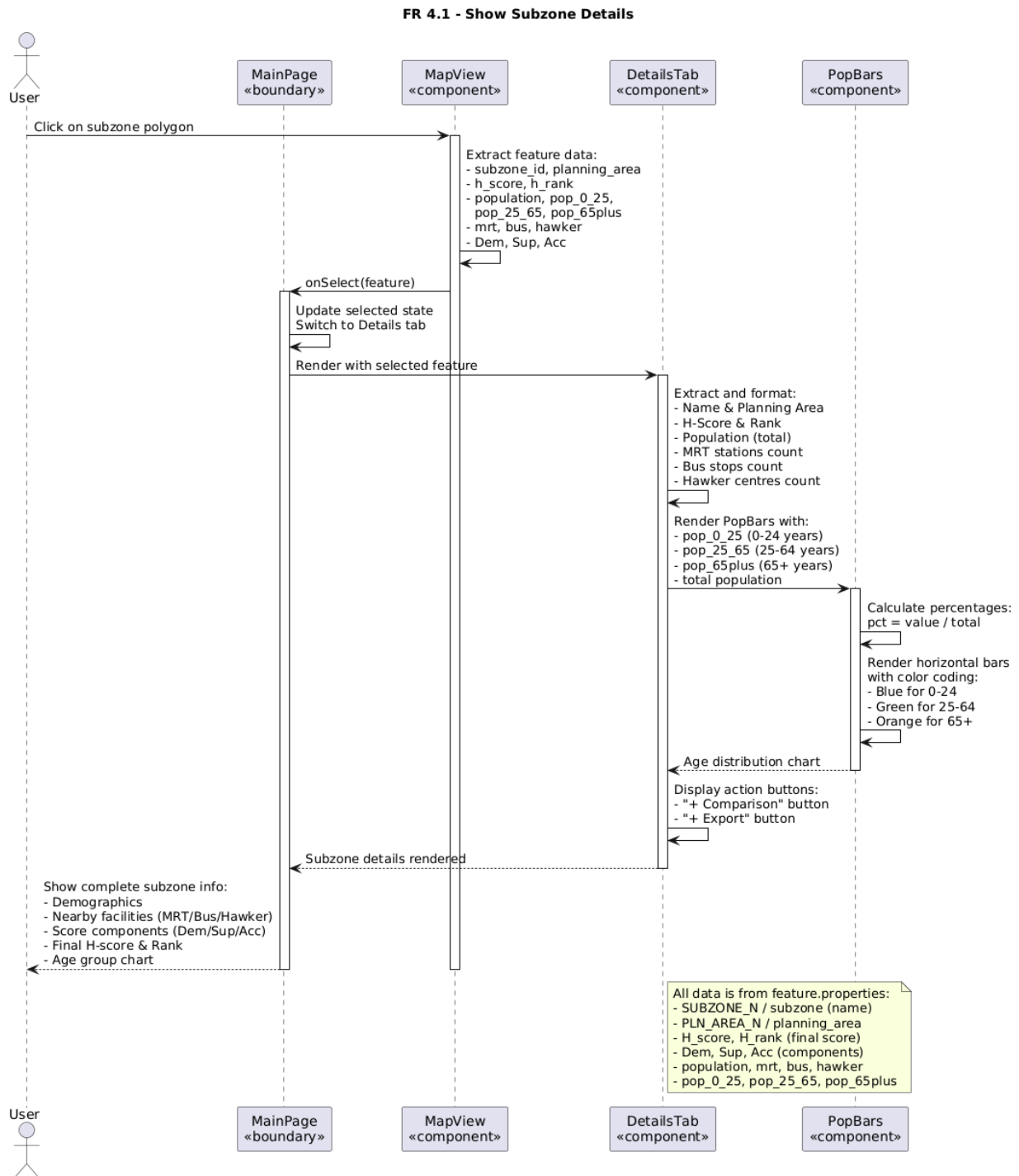
3.3 SearchBySubzoneName

FR 3.3 - Search By Subzone Name



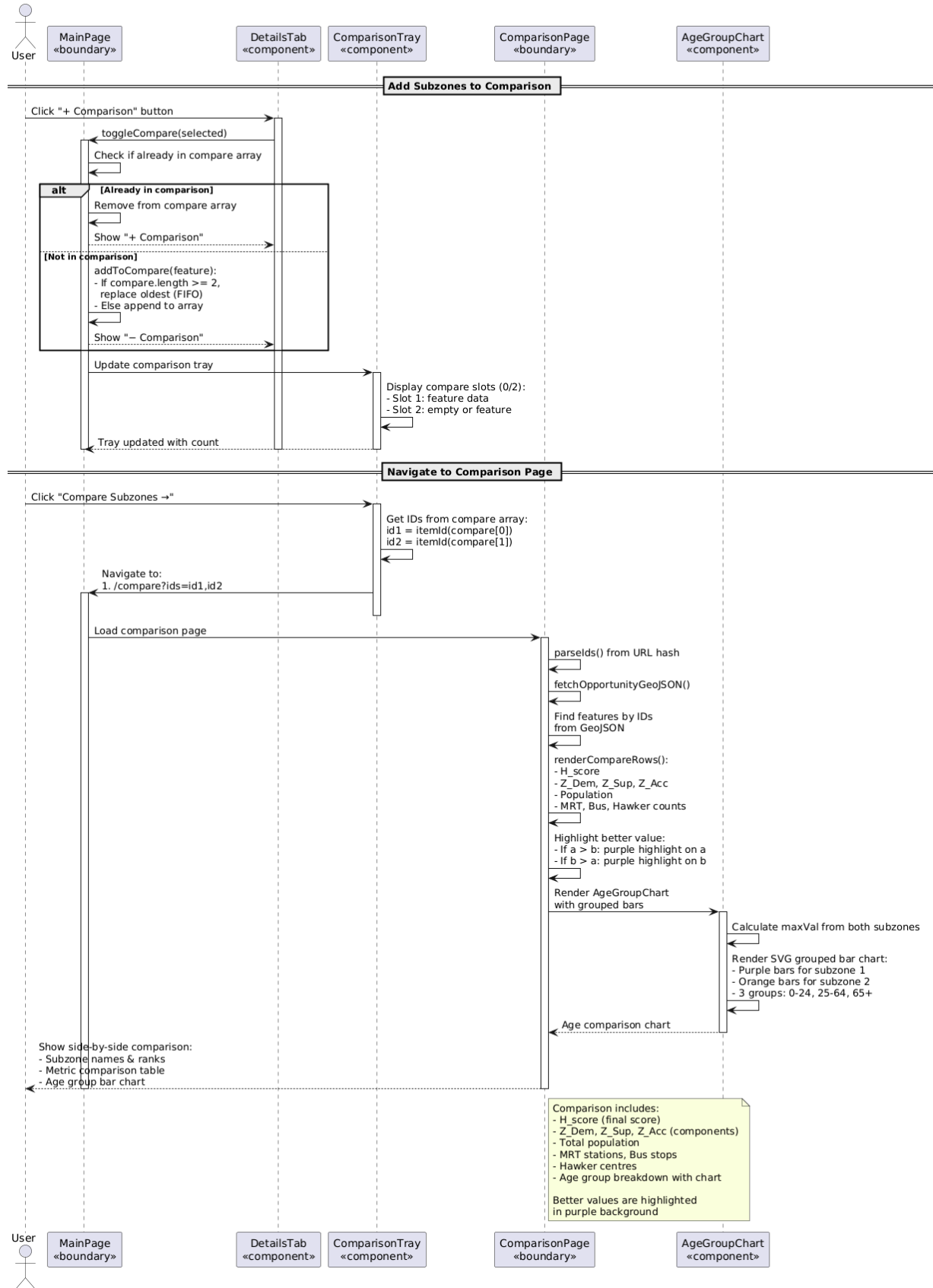
IV. For Functional Requirement #4. (Details and Comparison)

4.1 ShowSubzoneDetails

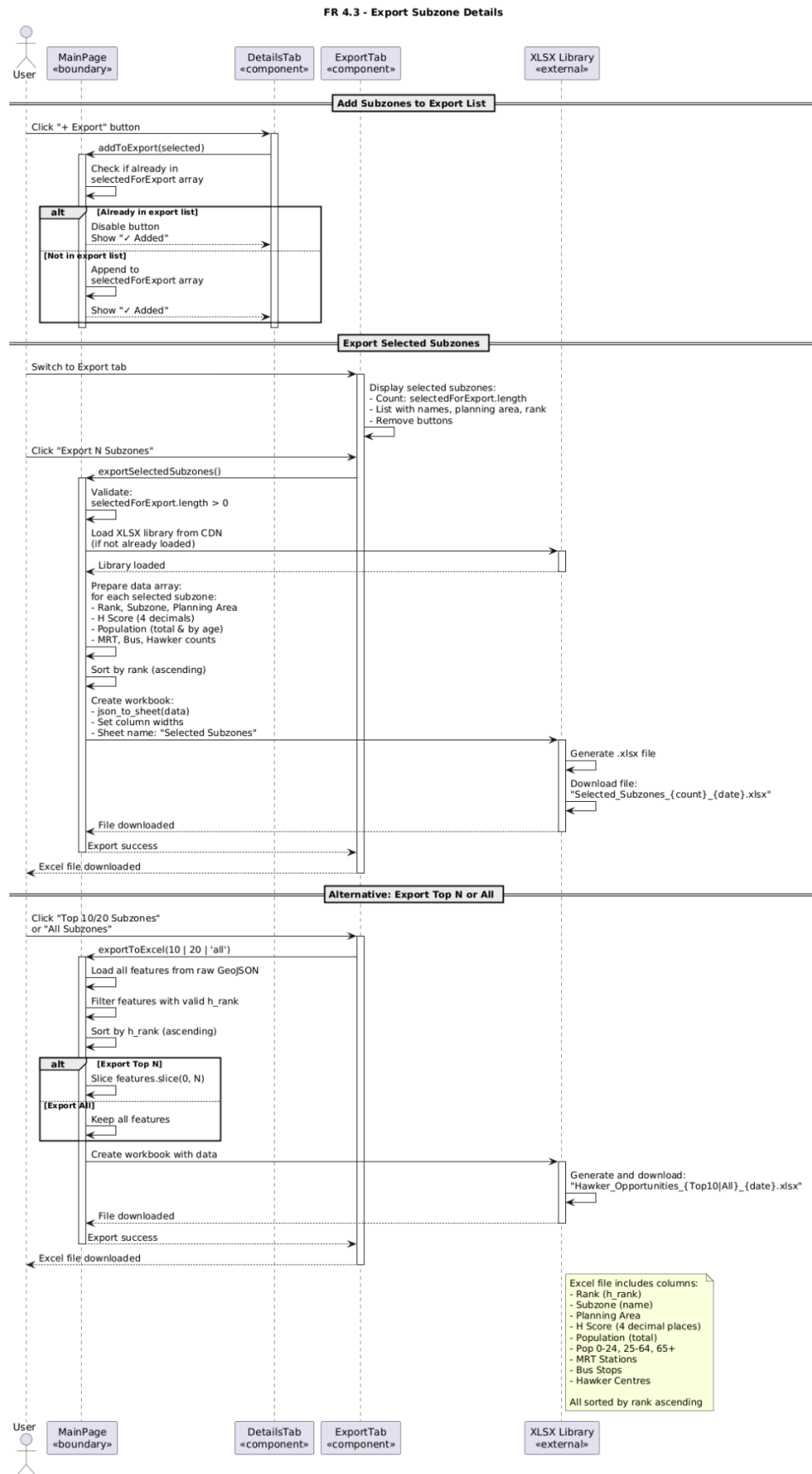


4.2 SubzoneComparison

FR 4.2 - Subzone Comparison

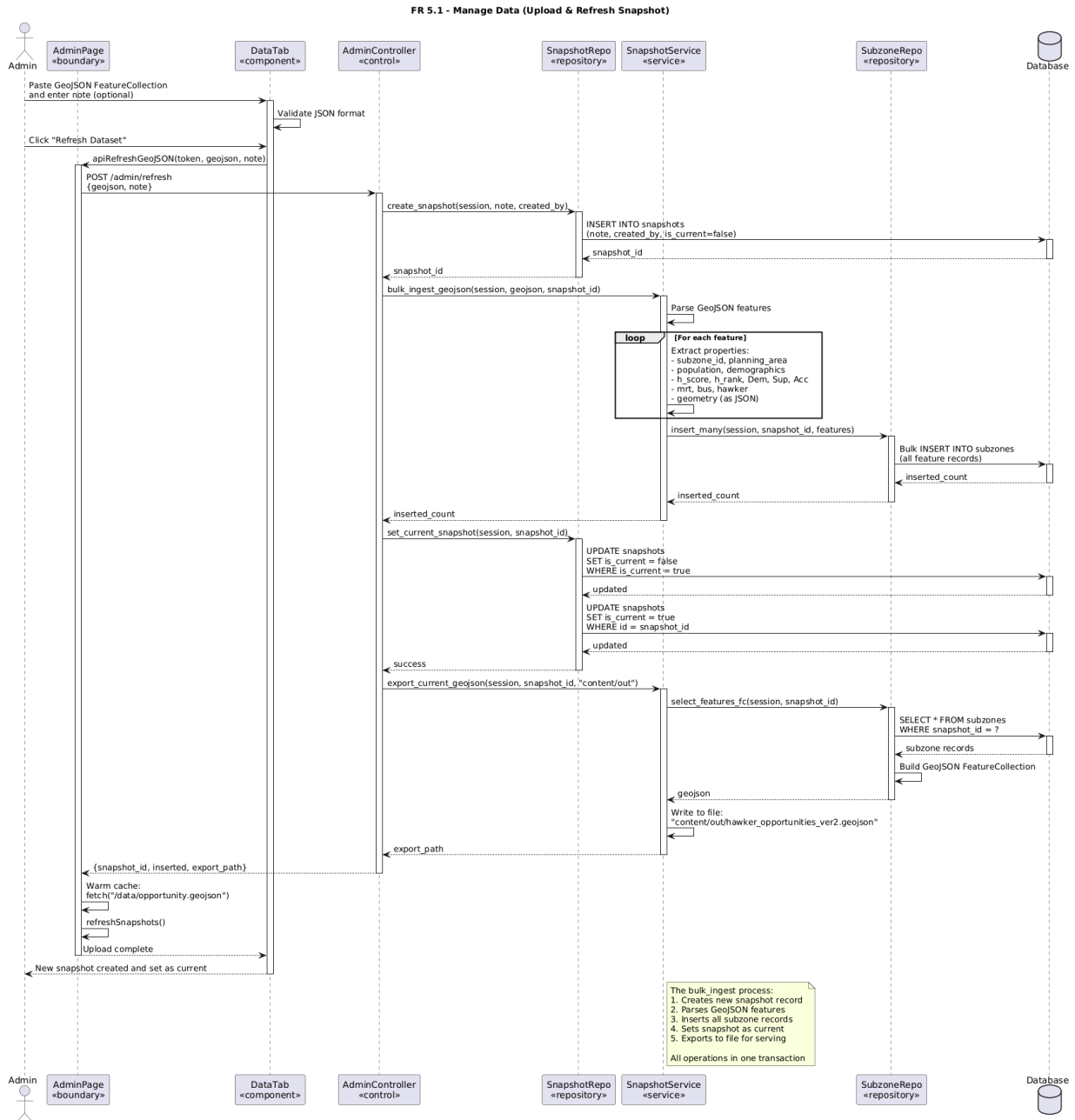


4.3 ExportSubzoneDetails

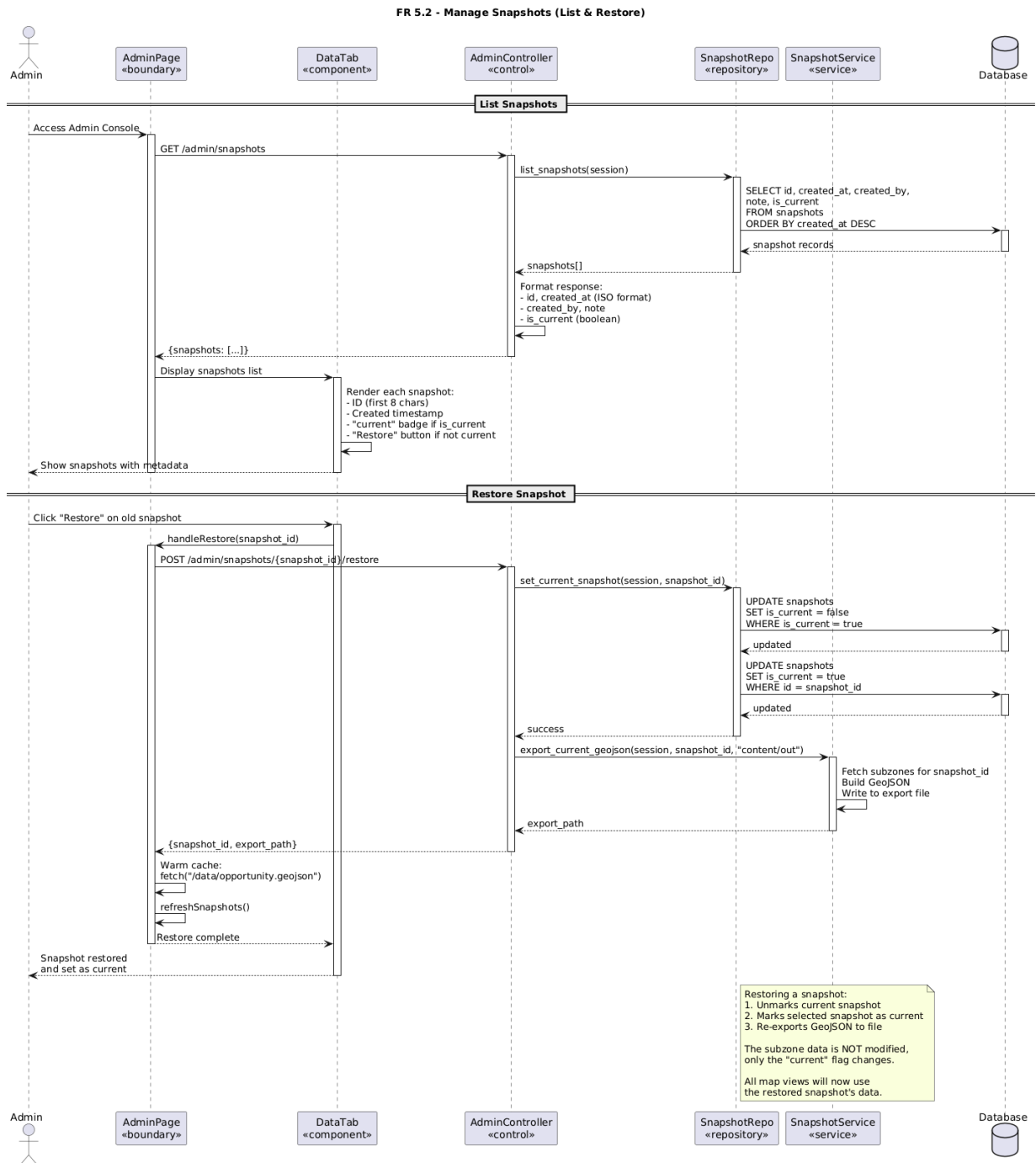


V. For Functional Requirement #5 (Admin Functions)

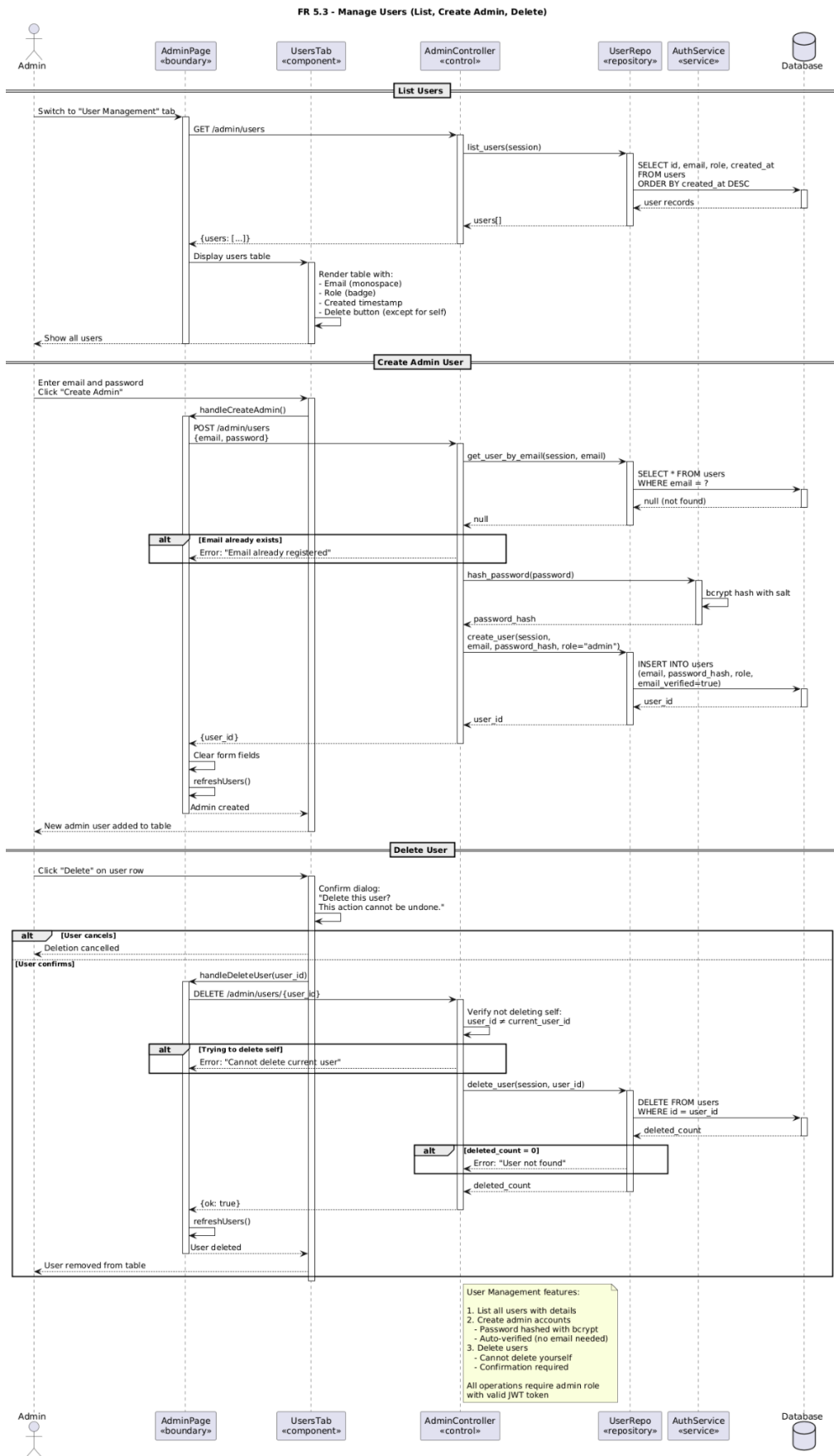
5.1 ManageData



5.2 ManageSnapshots

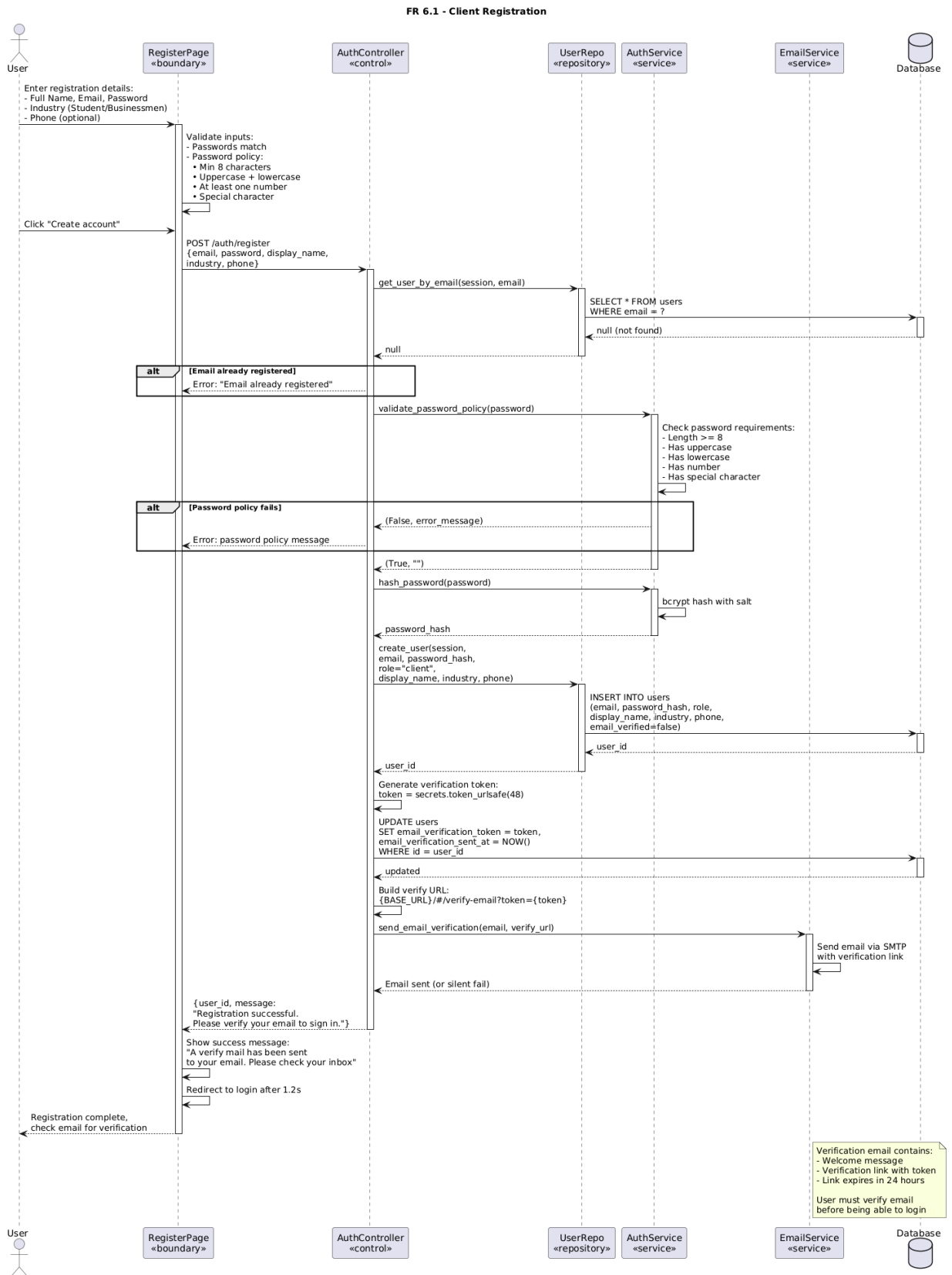


5.3 ManageUsers

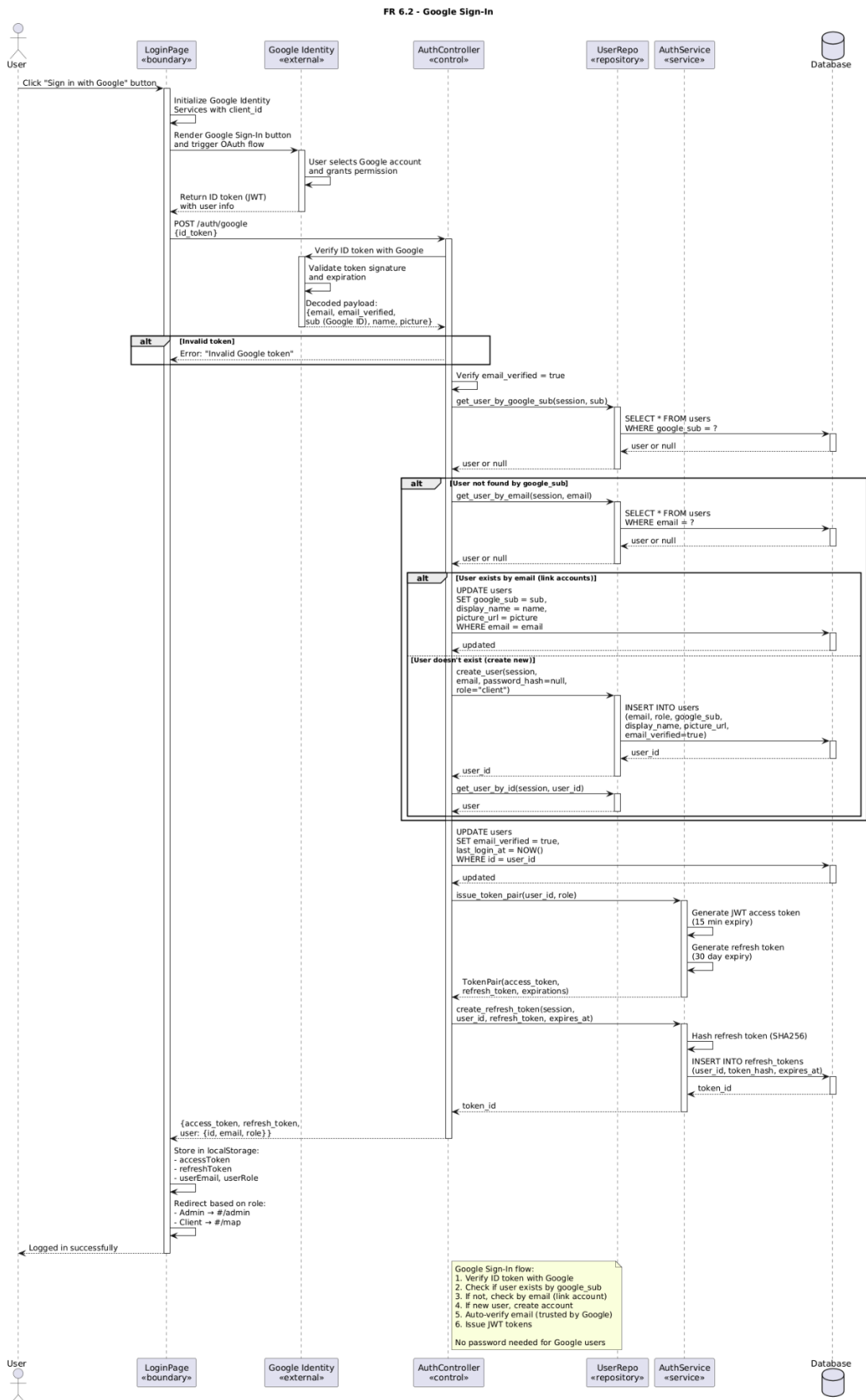


VI. For Functional Requirement #6 (Authentication and Profile)

6.1 ClientRegistration

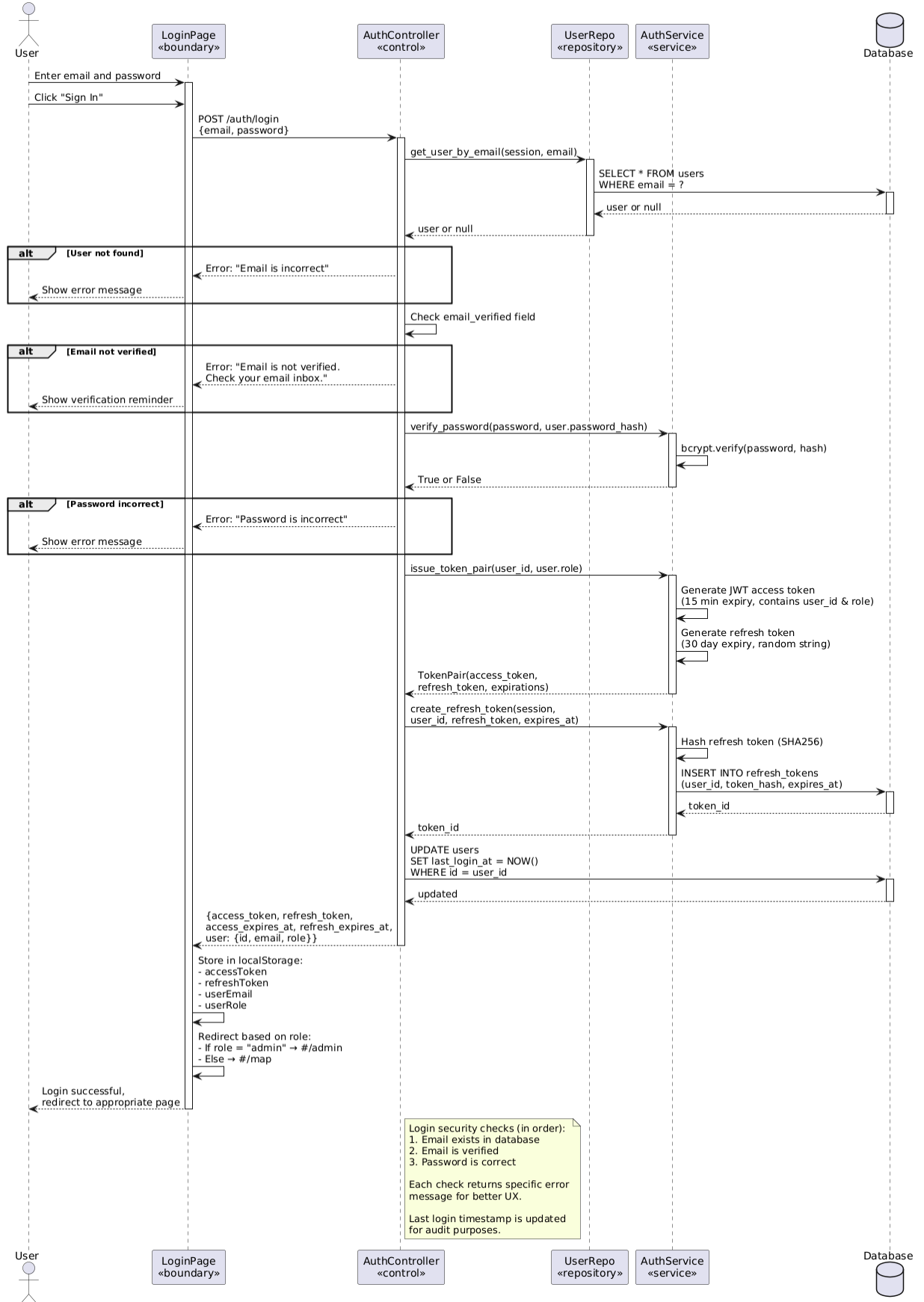


6.2 GoogleSign-In

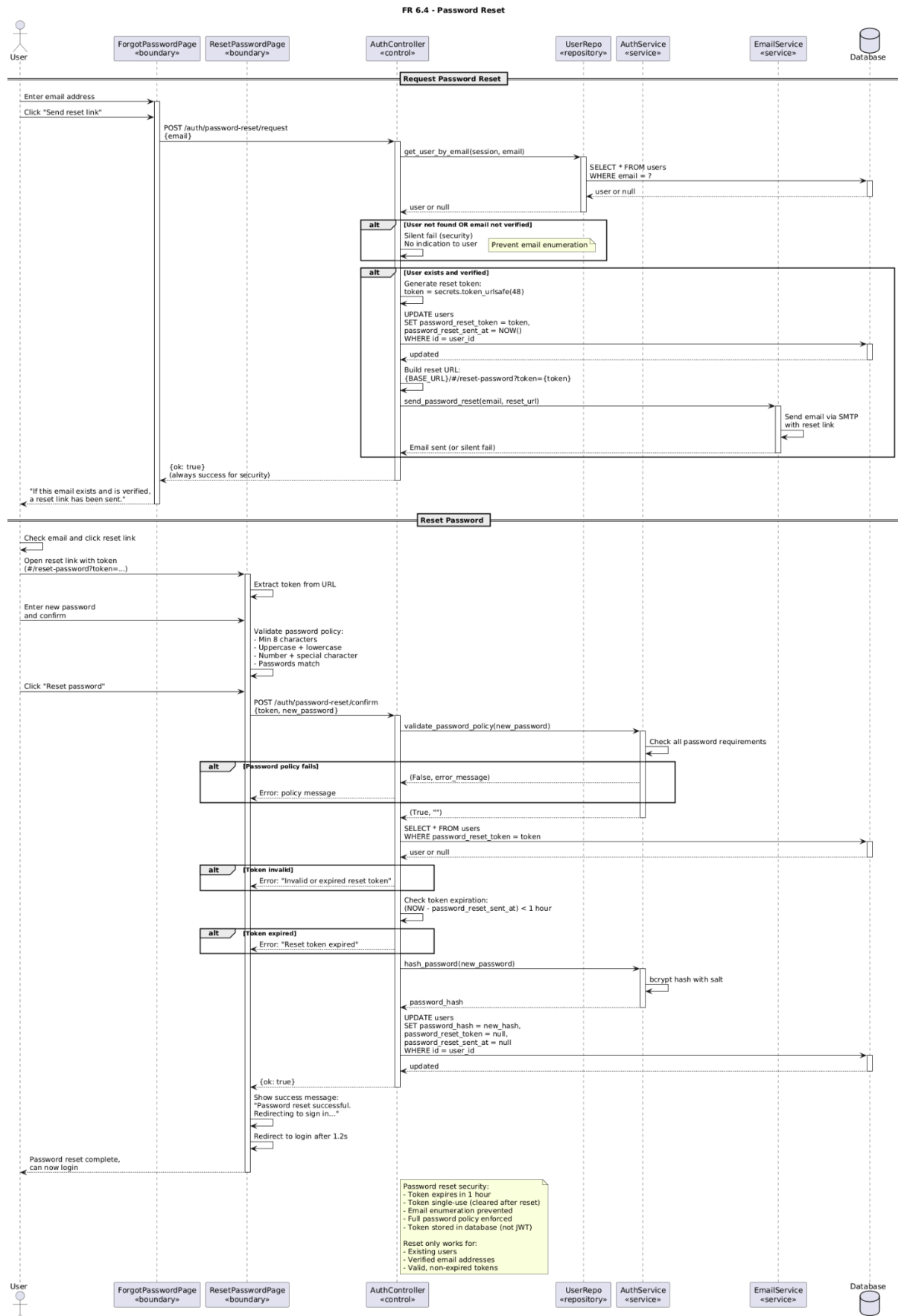


6.3 UserLogin

FR 6.3 - User Login (Email/Password)

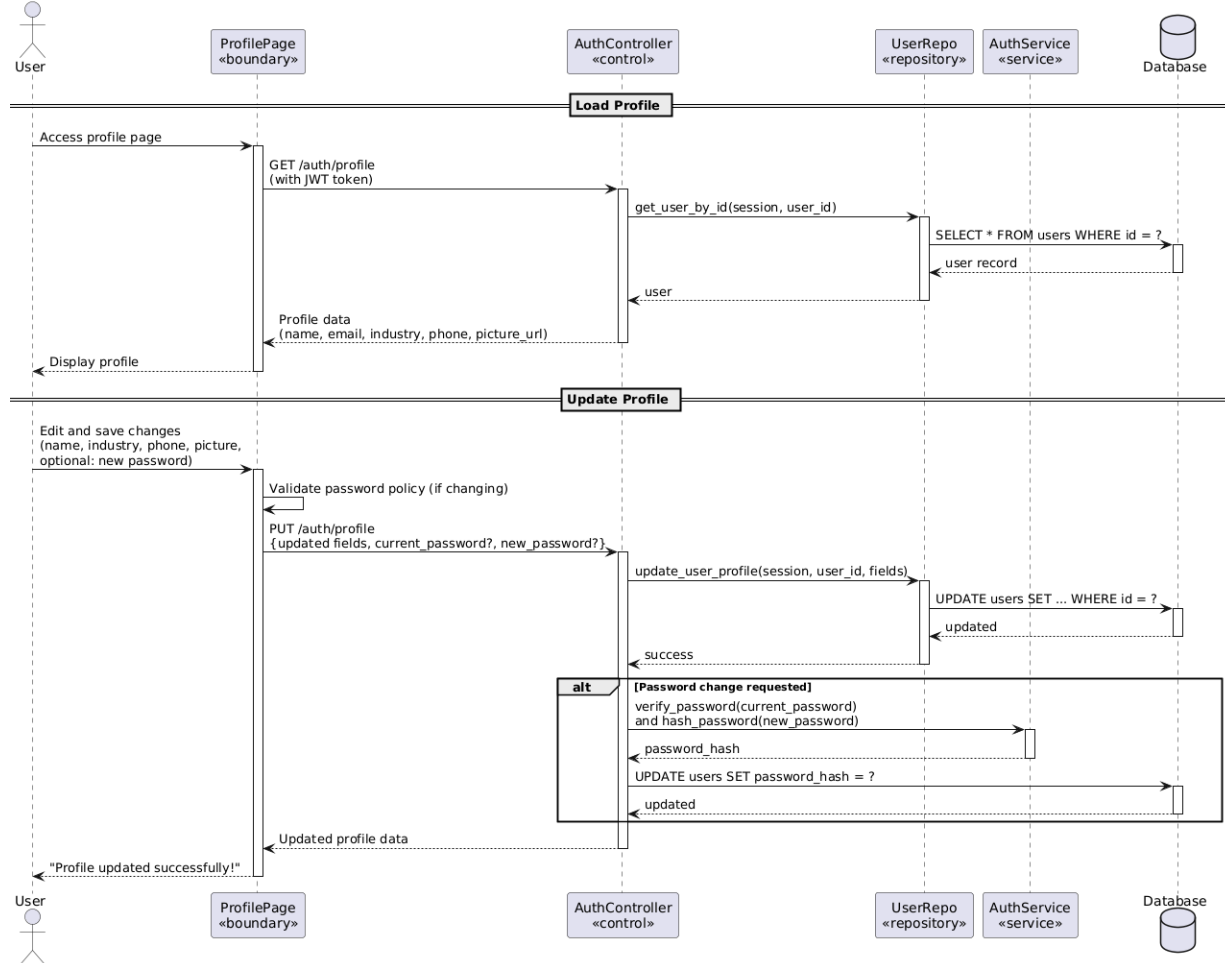


6.4 PasswordReset



6.5 ProfileManagement

FR 6.5 - Profile Management



VI. For Functional Requirement #7 (AI assistant)

7.1 AIChat

