

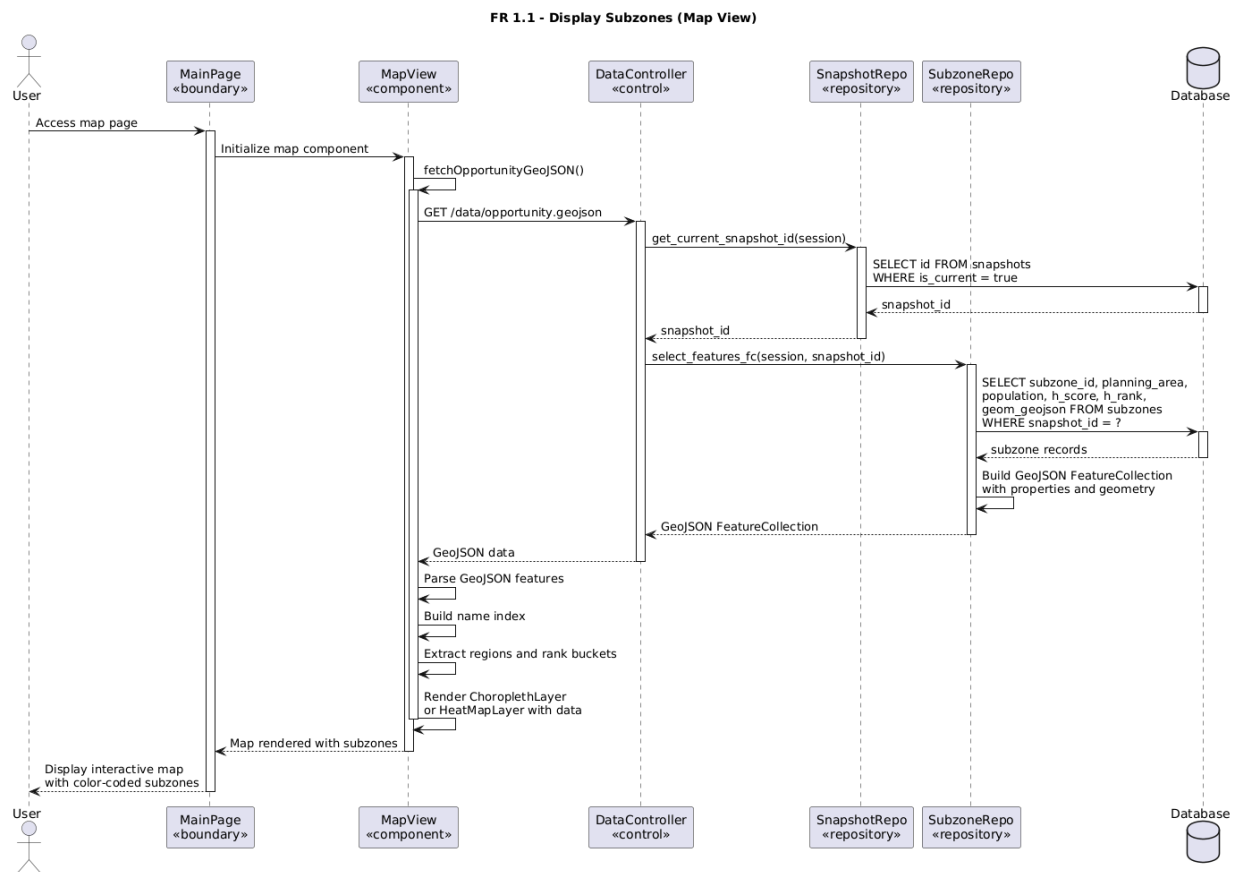
# Sequence Diagrams

## **Table of contents**

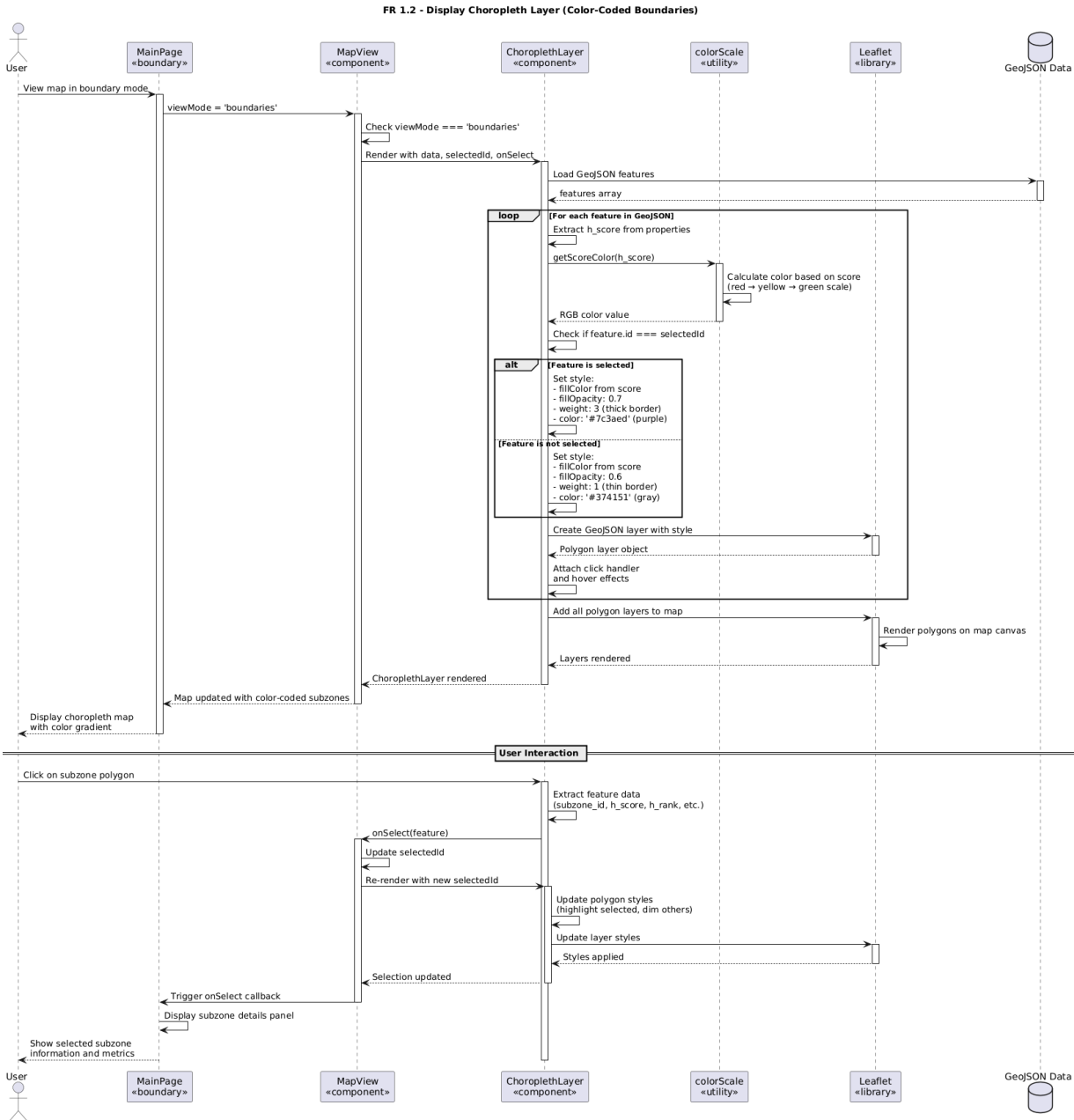
<b>I. For Use Cases Under 1 ( Display map )</b>	<b>2</b>
1.1 DisplaySubzones	2
1.2 Choropleth layer	3
1.3 MapInteractionControls	4
<b>II. For Use Cases Under 2. ( Display score and rank)</b>	<b>6</b>
2.1 Hawker-Opportunity Score	6
2.2 ShowSubzoneRank	7
<b>III. For Use Cases Under 3. ( Filtering and search)</b>	<b>8</b>
3.1 FilterByRegion	8
3.2 FilterByRank	9
3.3 SearchBySubzoneName	10
<b>IV. For Functional Requirement #4. (Details and Comparison)</b>	<b>11</b>
4.1 ShowSubzoneDetails	11
4.2 SubzoneComparison	12
4.3 ExportSubzoneDetails	13
<b>V. For Functional Requirement #5 (Admin Functions)</b>	<b>14</b>
5.1 ManageData	14
5.2 ManageSnapshots	15
5.3 ManageUsers	16
<b>VI. For Functional Requirement #6 (Authentication and Profile)</b>	<b>17</b>
6.1 ClientRegistration	17
6.2 GoogleSign-In	18
6.3 UserLogin	19
6.4 PasswordReset	20
6.5 ProfileManagement	21

# I. For Use Cases Under 1 ( Display map )

## 1.1 DisplaySubzones

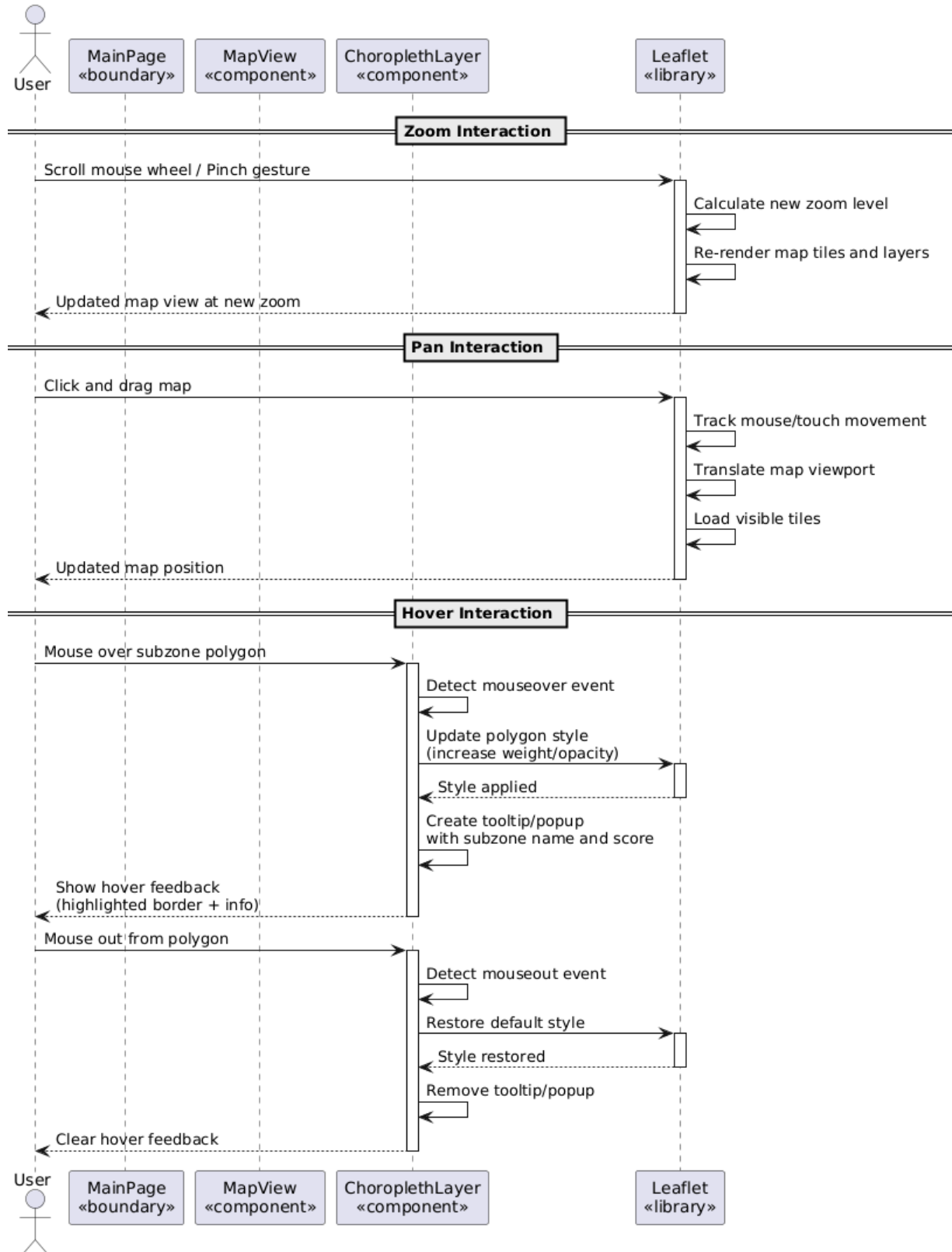


## 1.2 Choropleth layer



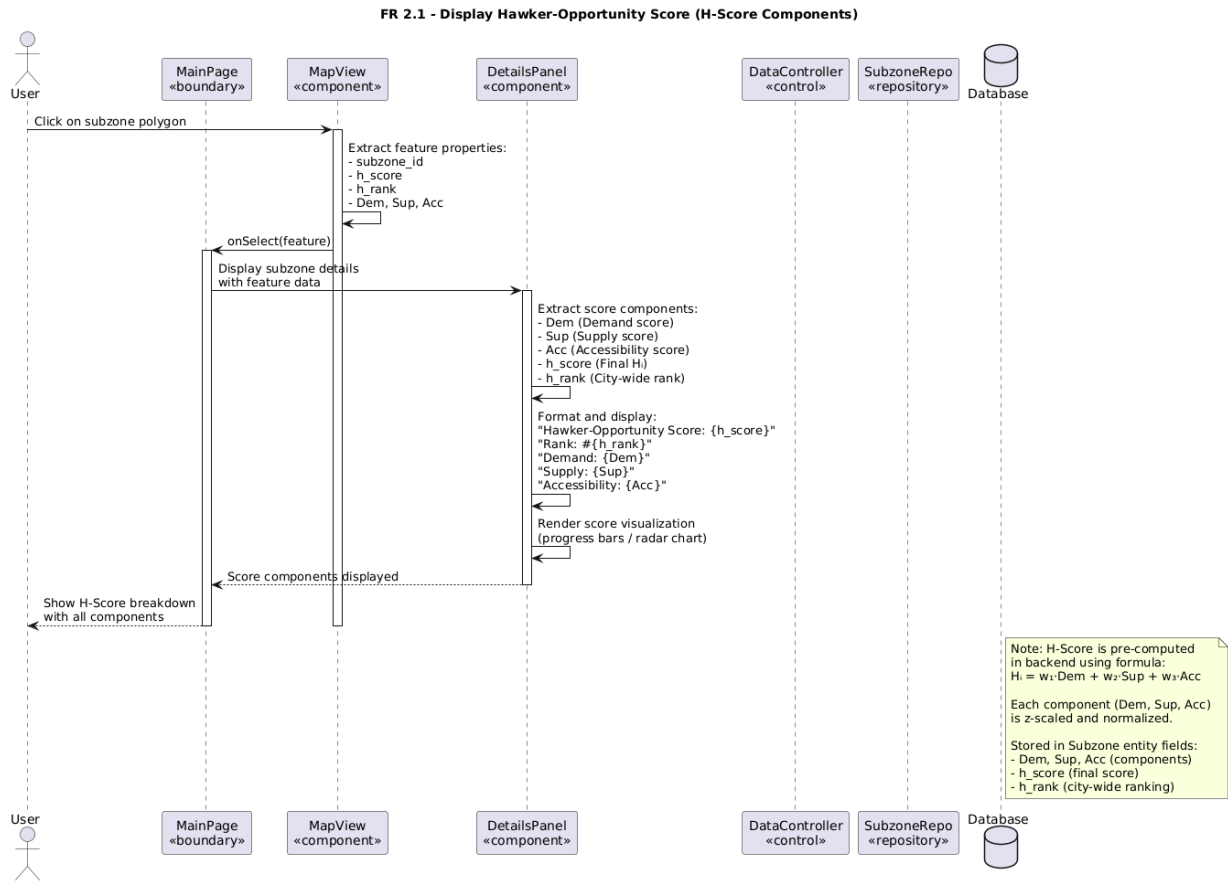
## 1.3 MapInteractionControls

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

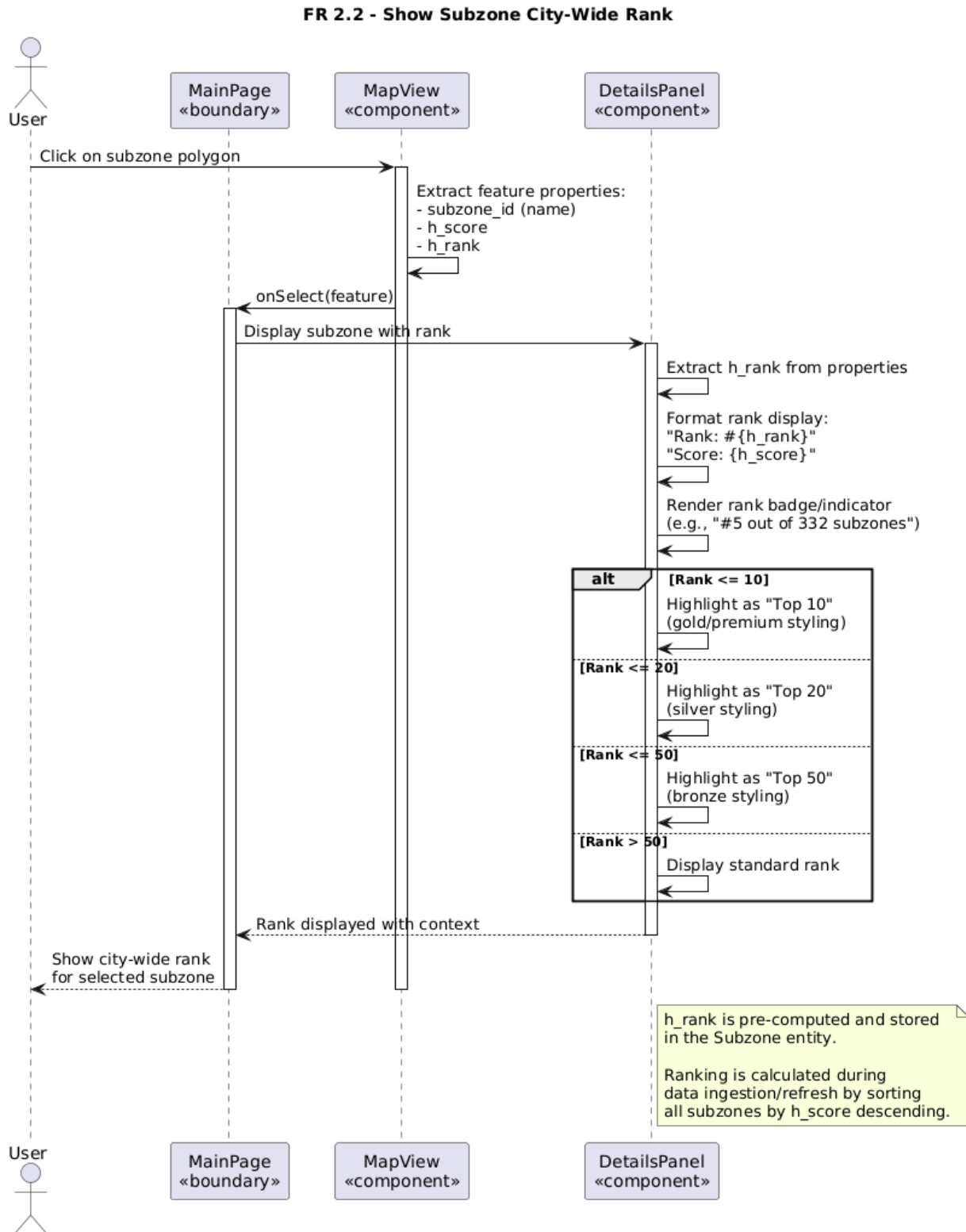


## II. For Use Cases Under 2. ( Display score and rank)

### 2.1 Hawker-Opportunity Score

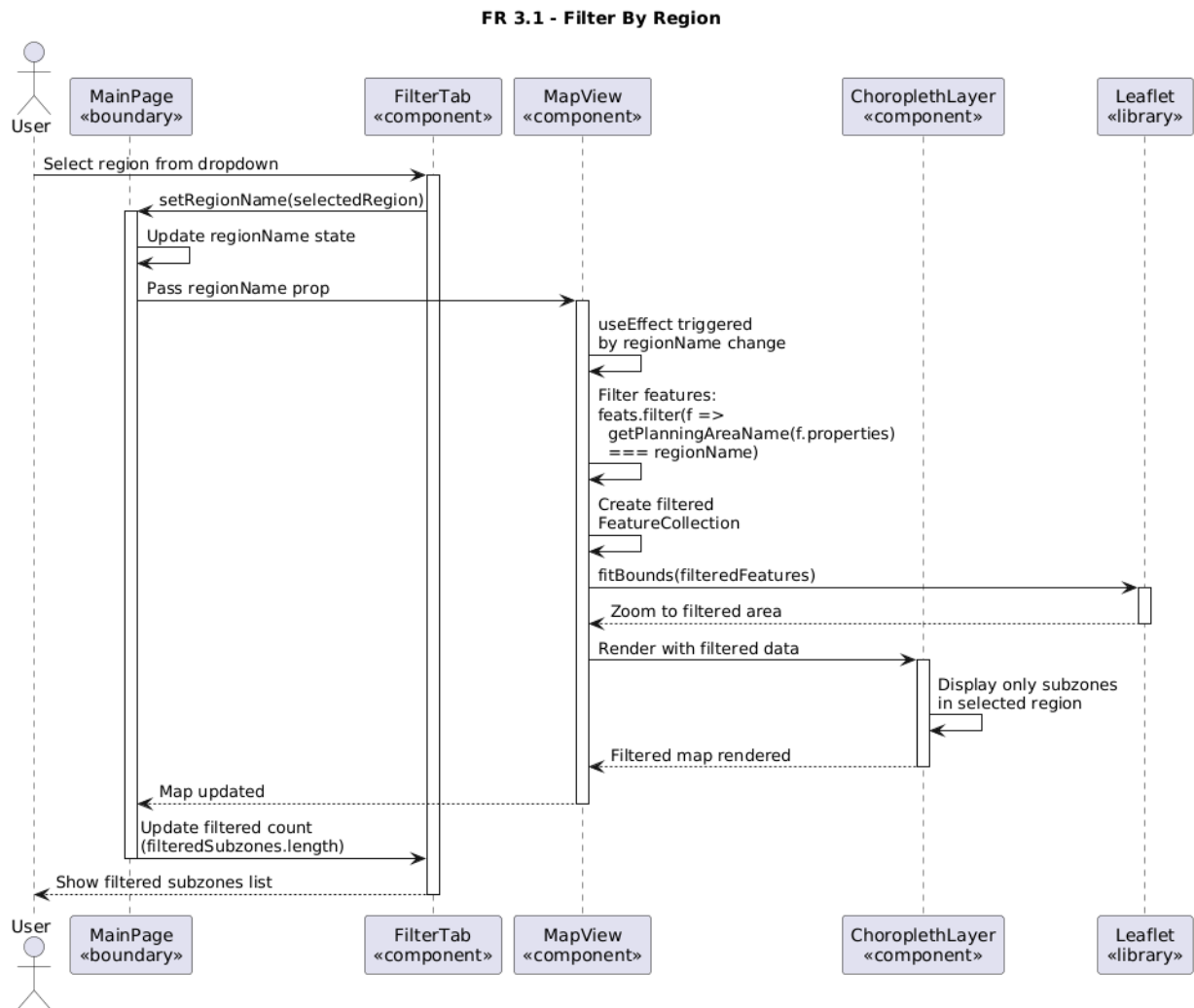


## 2.2 ShowSubzoneRank



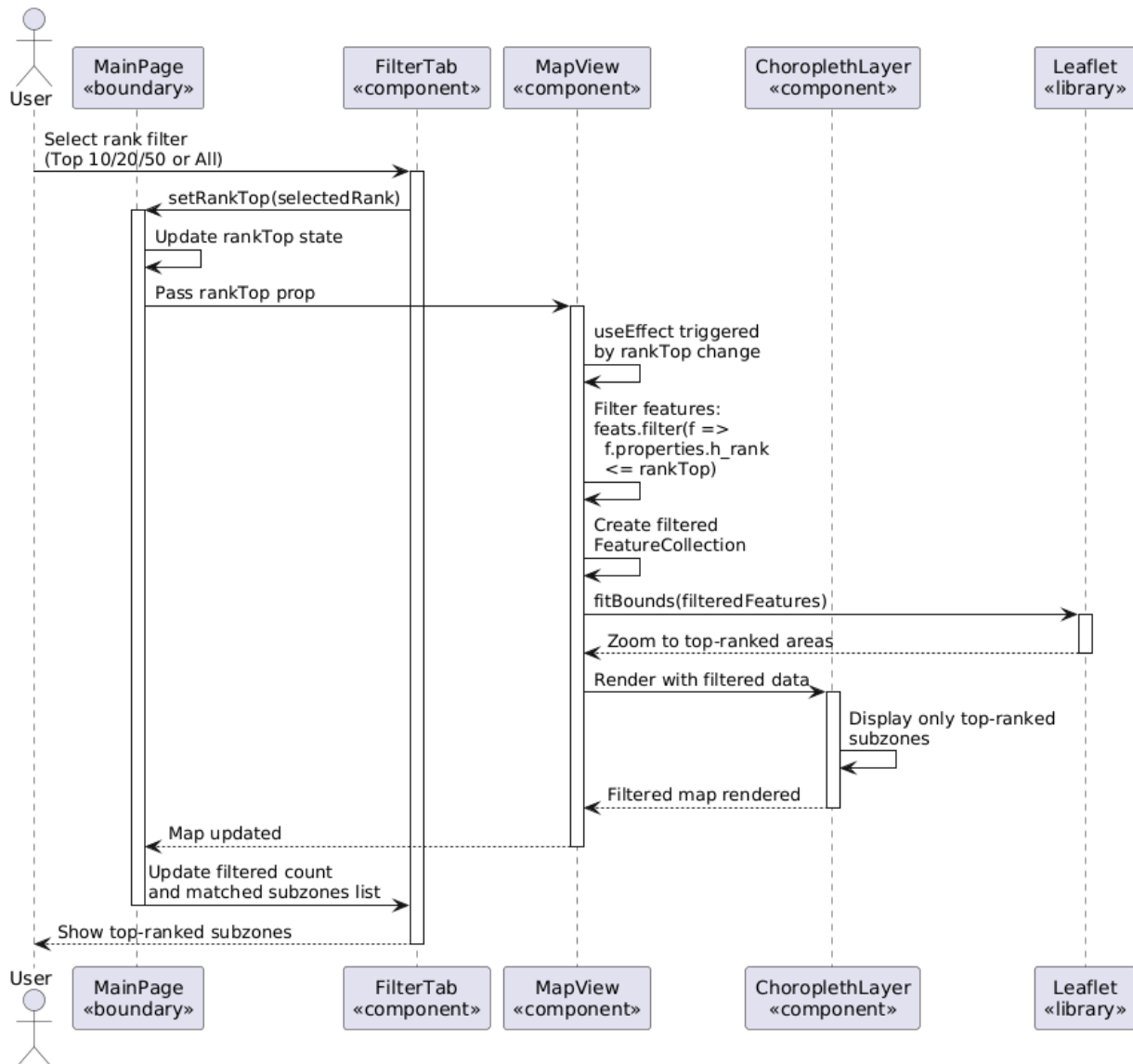
### III. For Use Cases Under 3. ( Filtering and search)

#### 3.1 FilterByRegion



## 3.2 FilterByRank

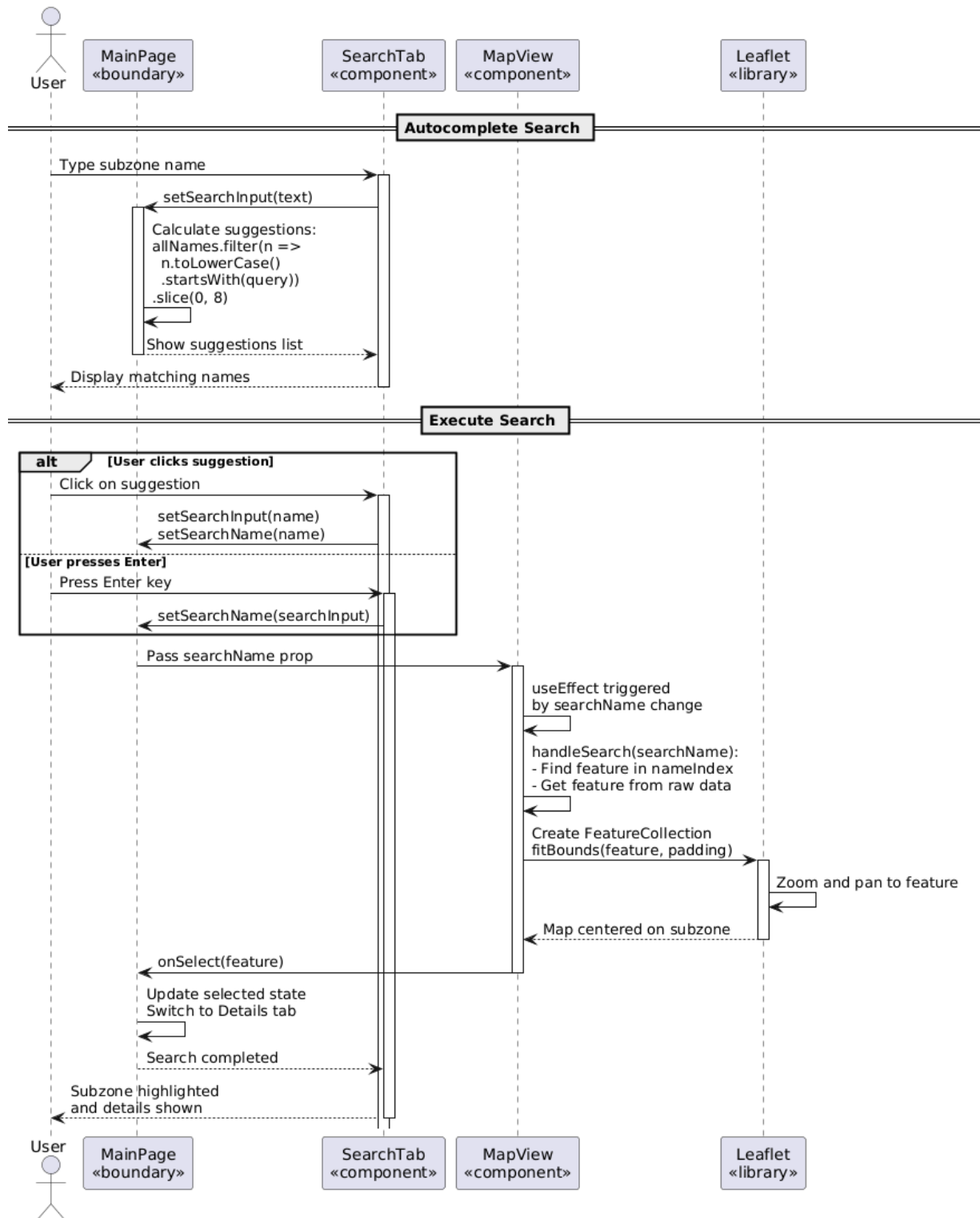
FR 3.2 - Filter By Rank





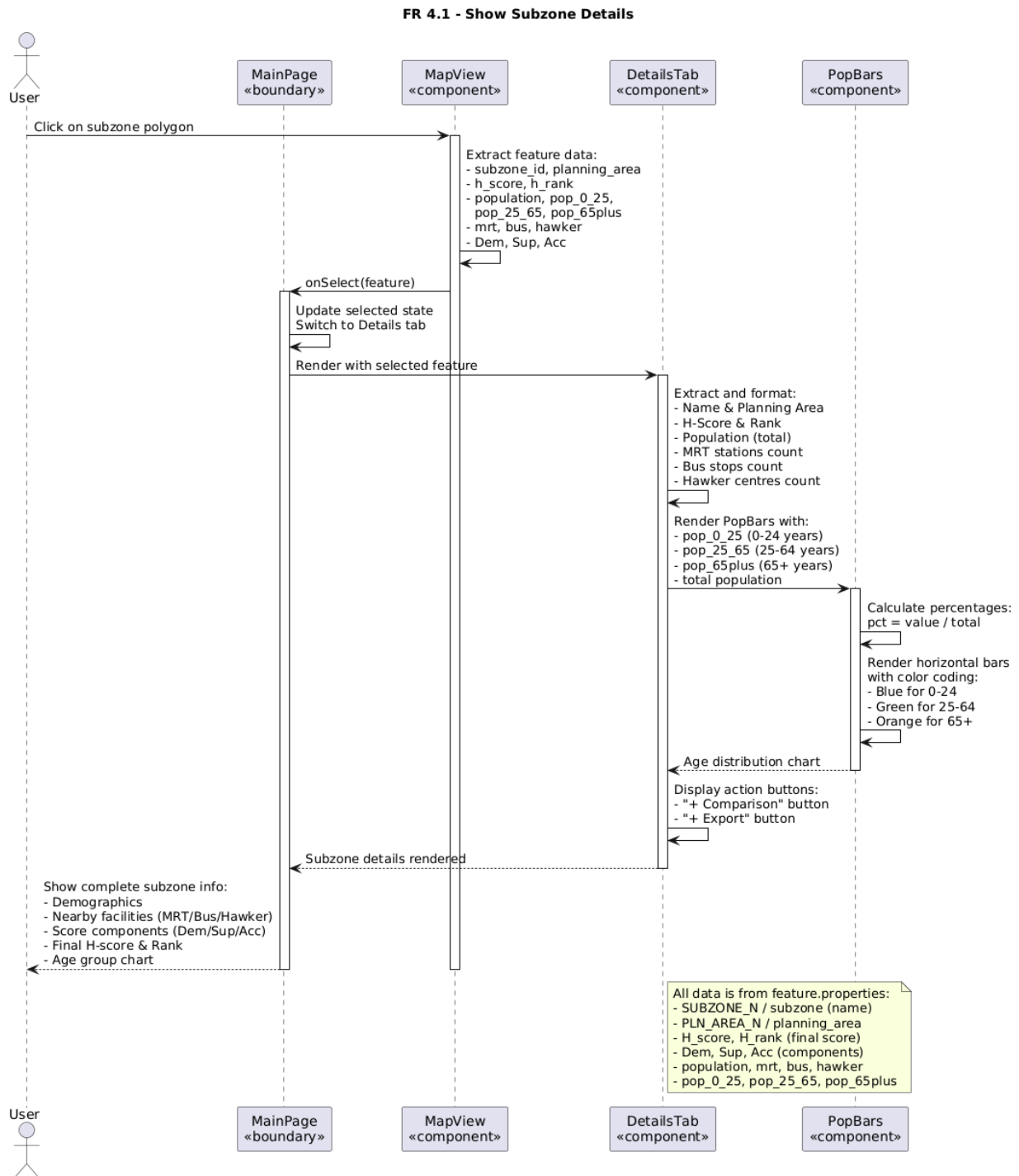
### 3.3 SearchBySubzoneName

FR 3.3 - Search By Subzone Name



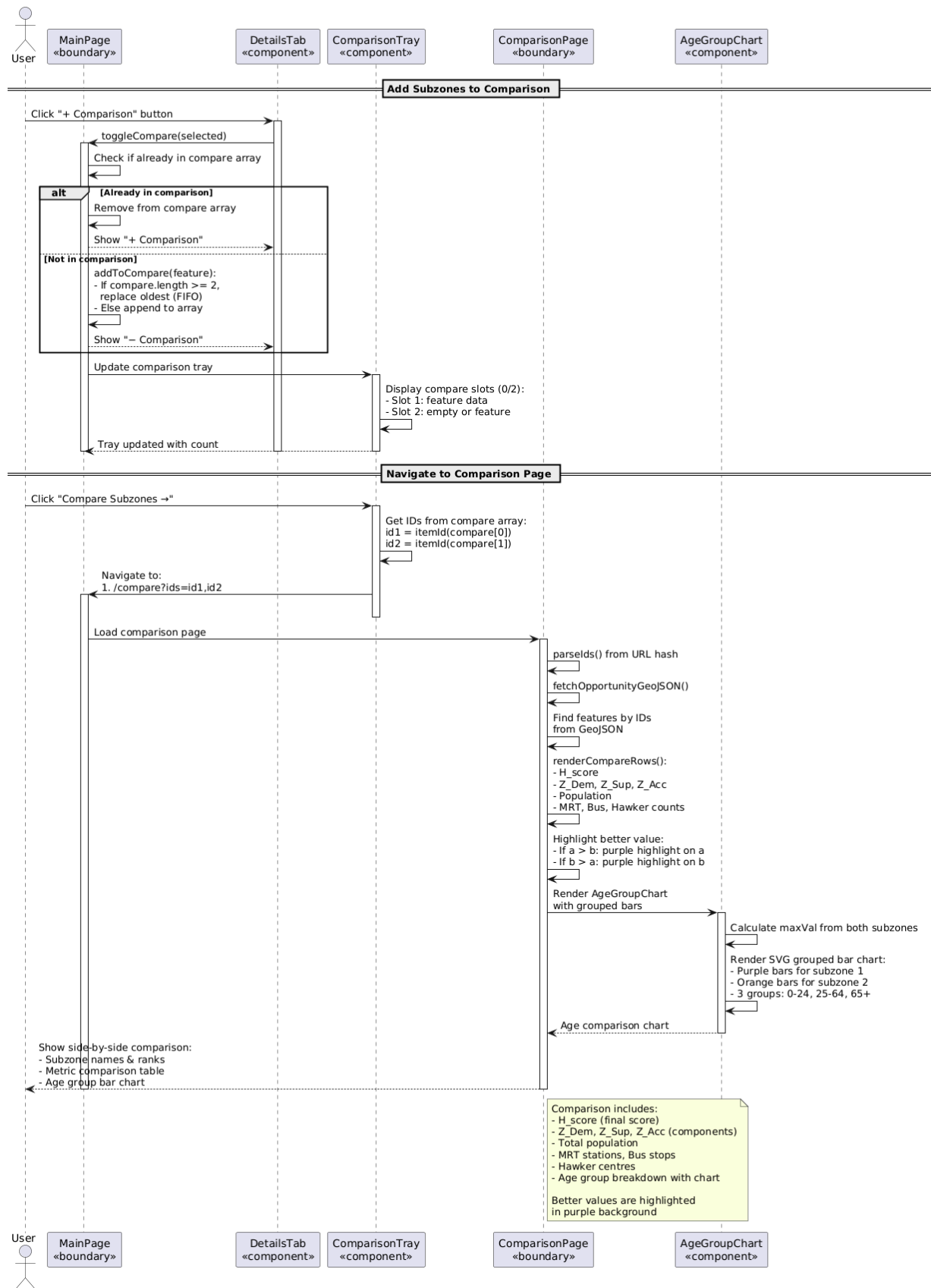
## IV. For Functional Requirement #4. (Details and Comparison)

### 4.1 ShowSubzoneDetails

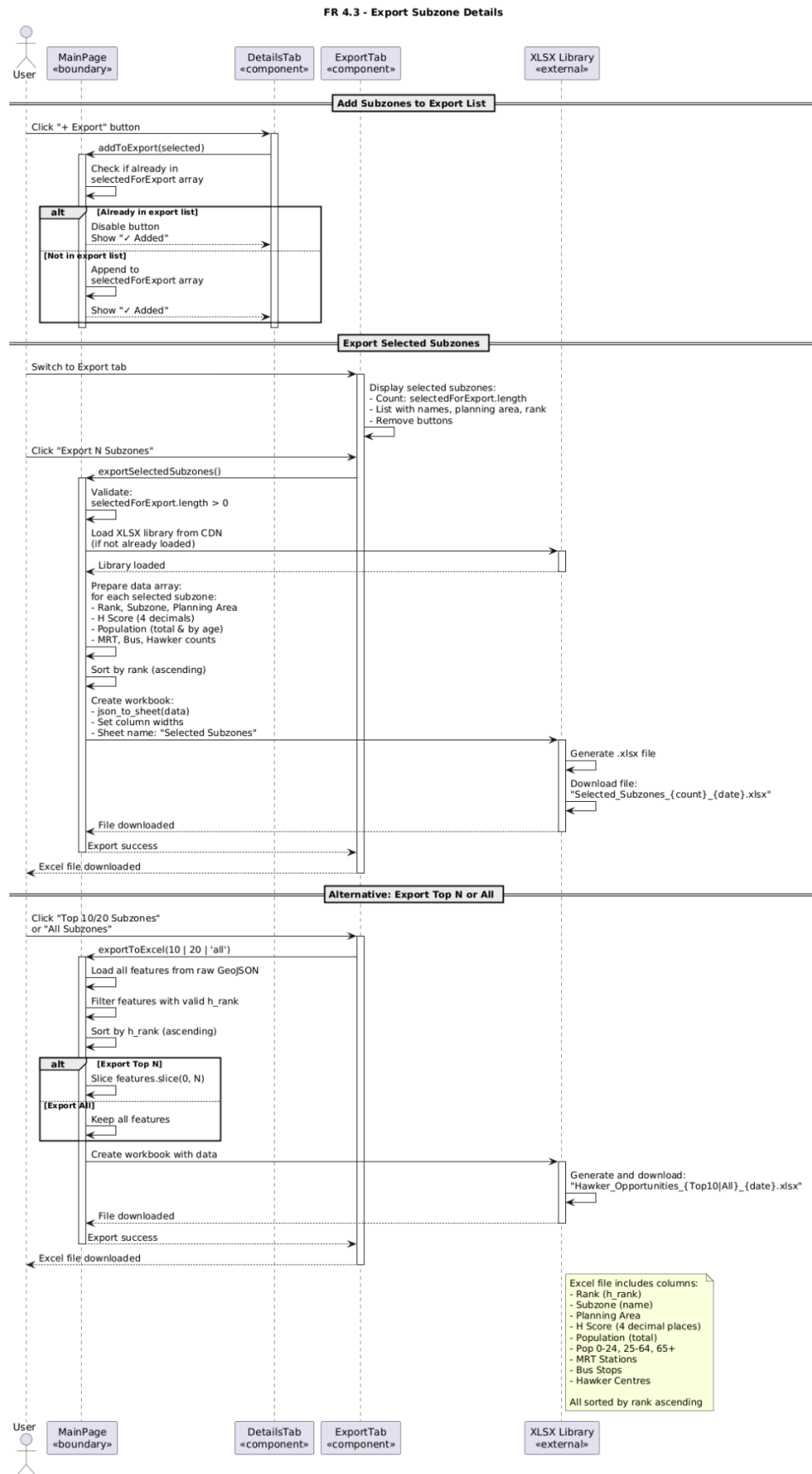


## 4.2 SubzoneComparison

FR 4.2 - Subzone Comparison

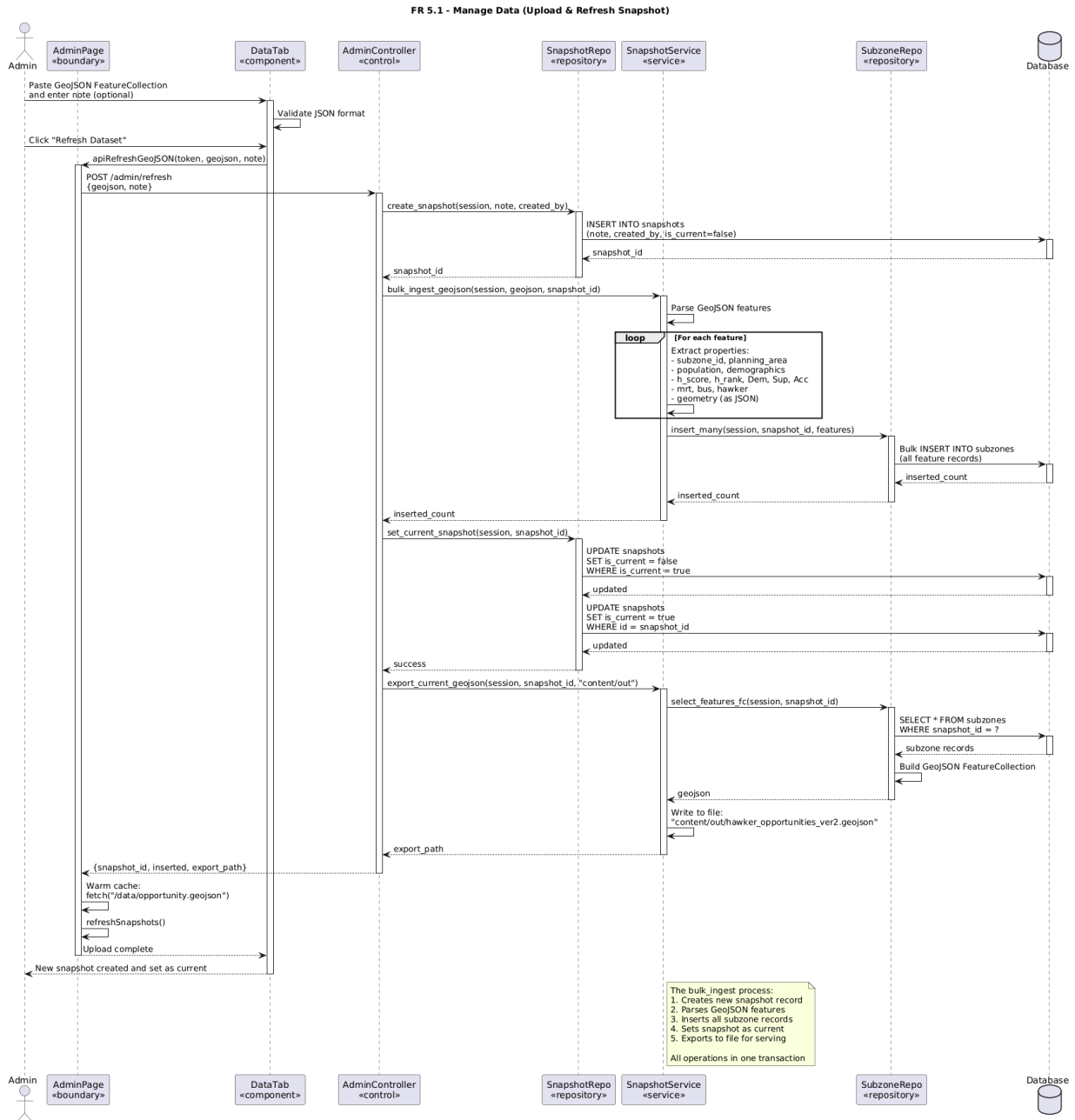


## 4.3 ExportSubzoneDetails

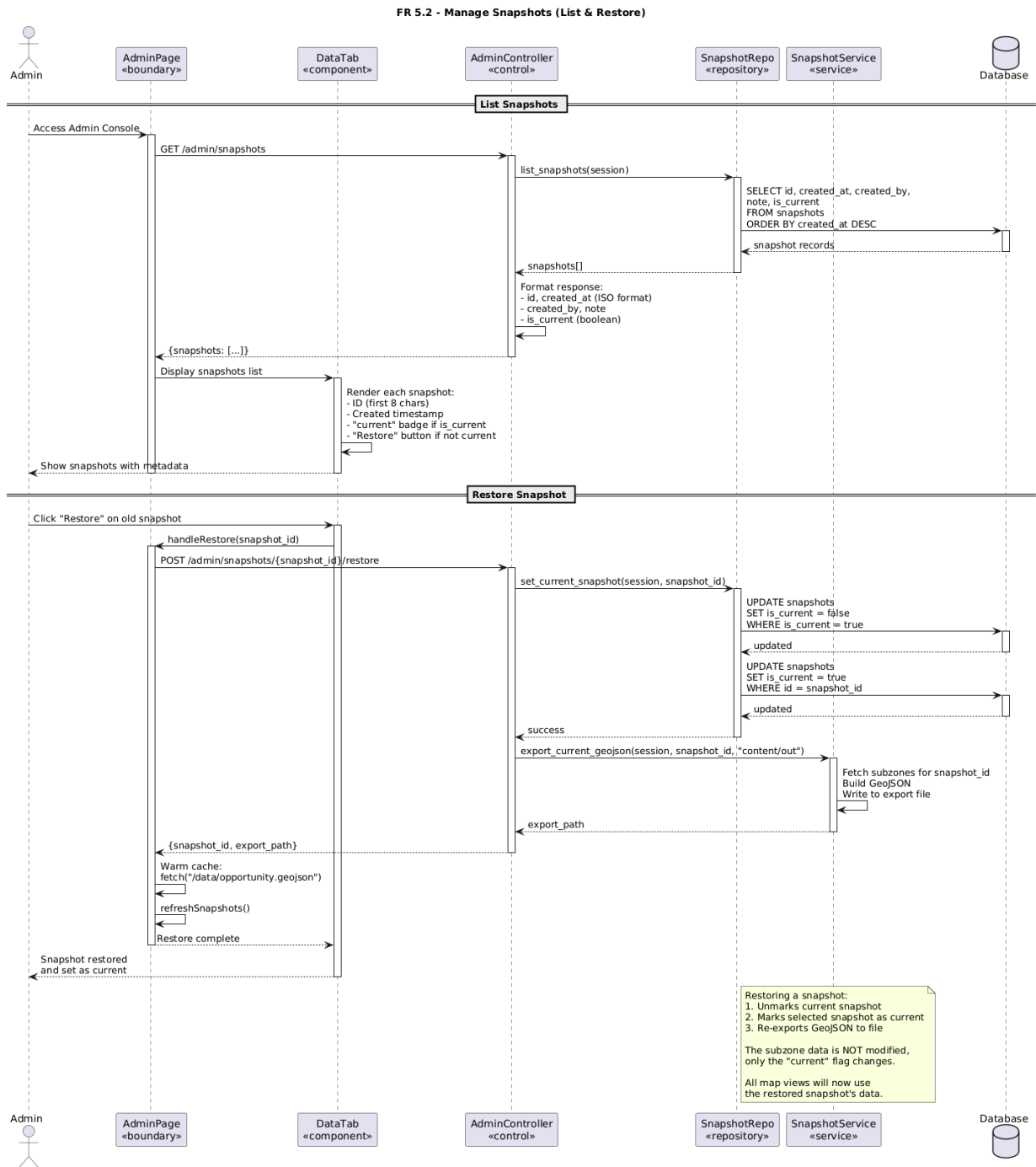


## V. For Functional Requirement #5 (Admin Functions)

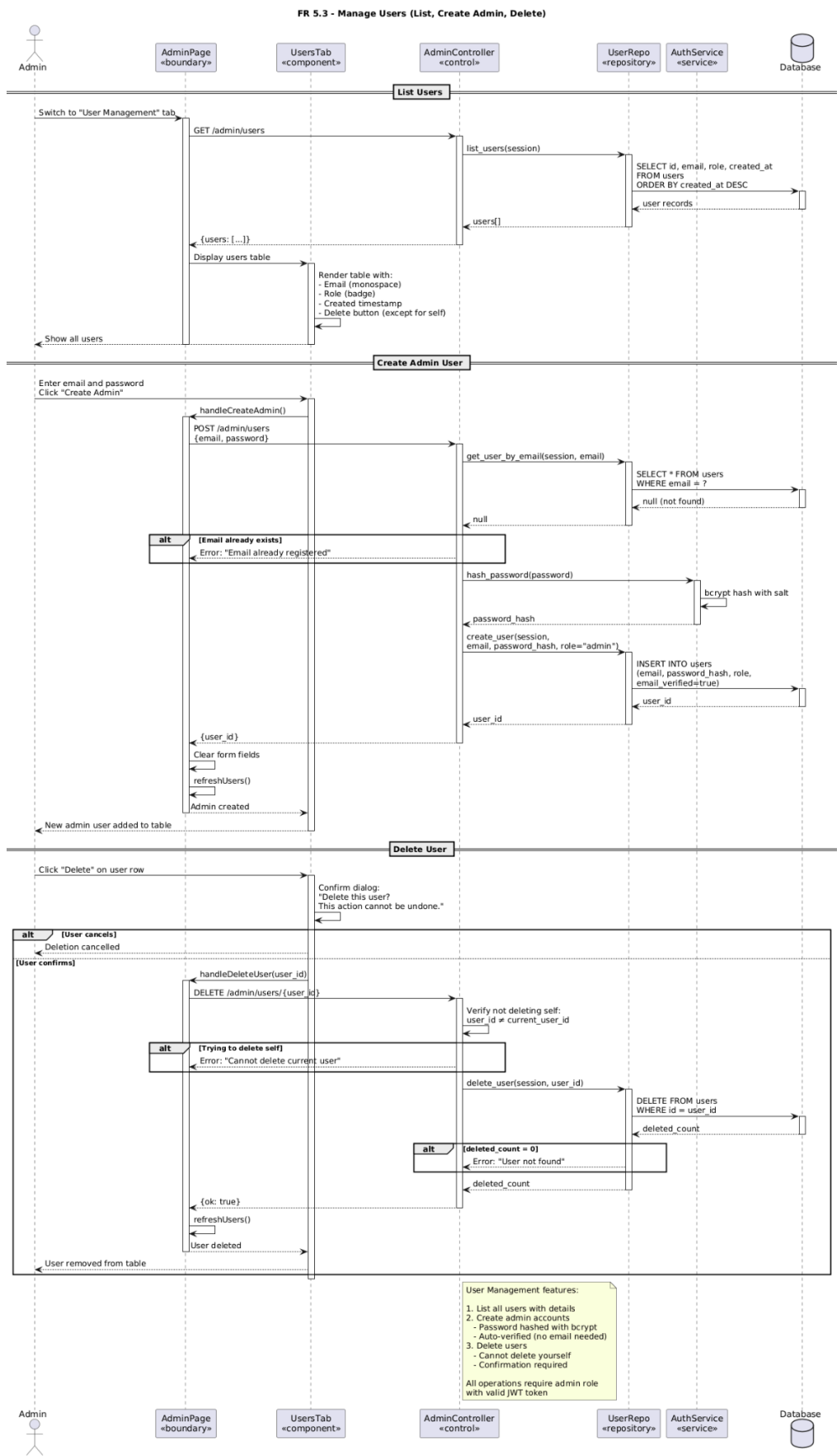
### 5.1 ManageData



# 5.2 ManageSnapshots

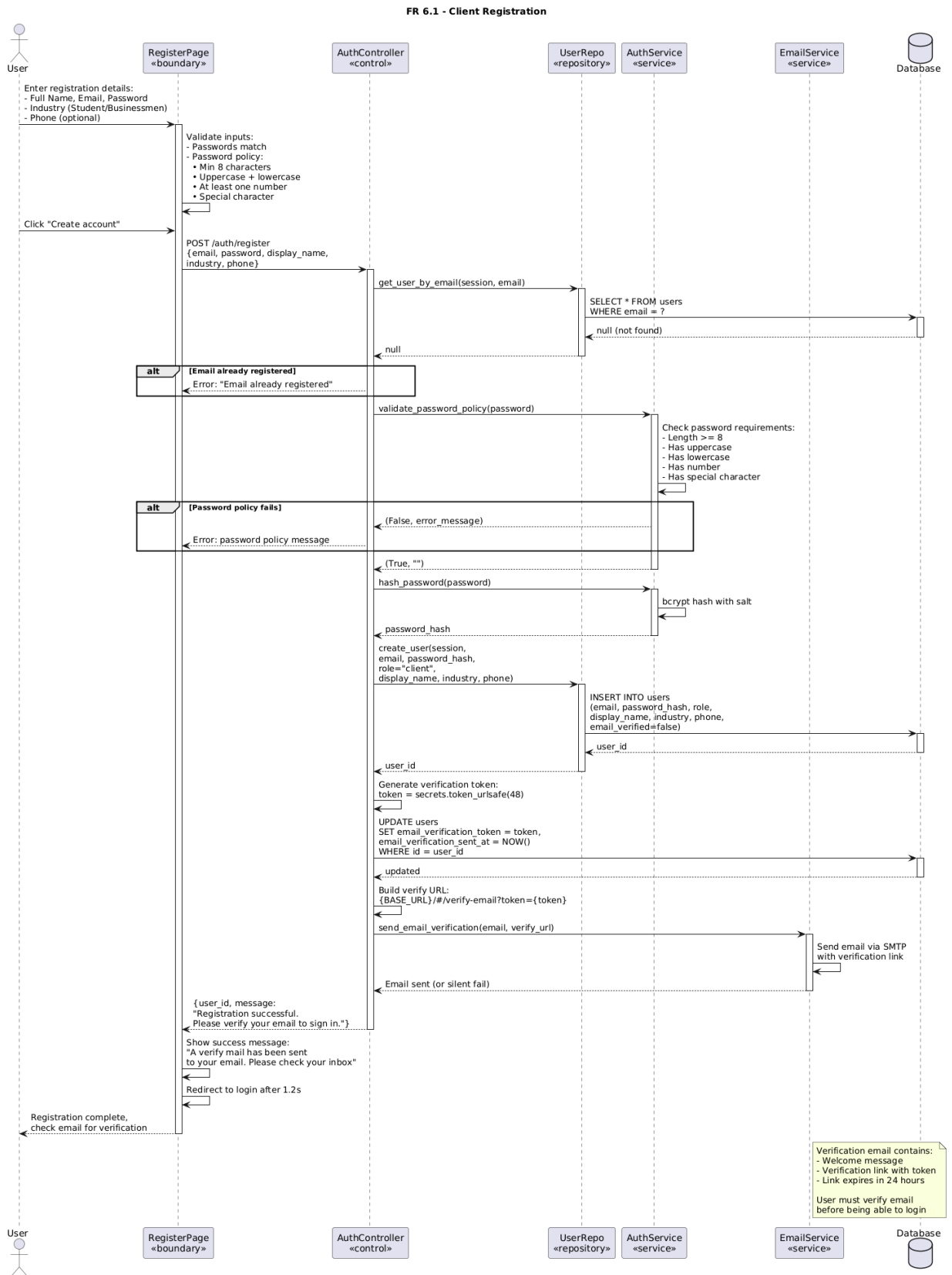


# 5.3 ManageUsers



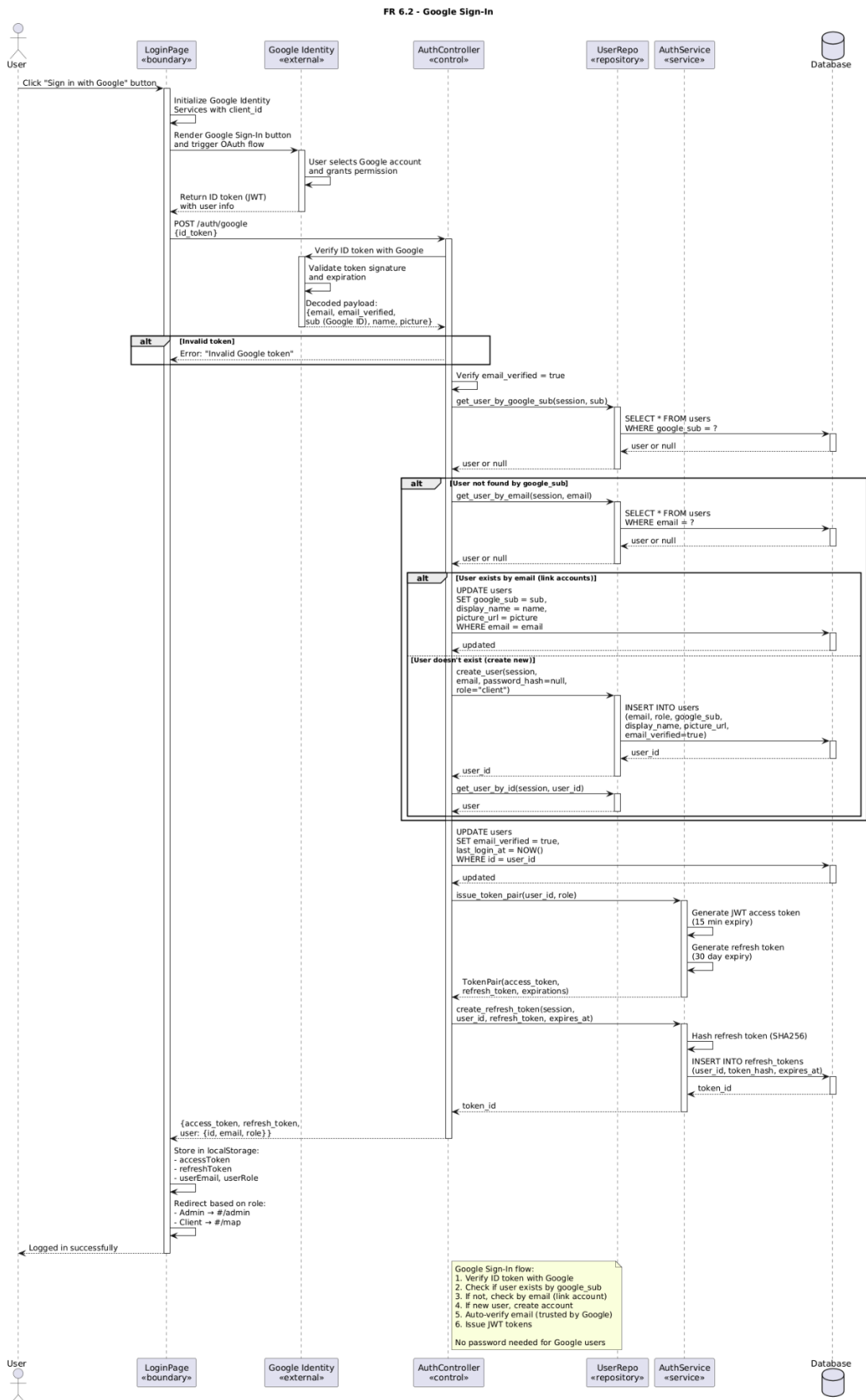
## VI. For Functional Requirement #6 (Authentication and Profile)

### 6.1 ClientRegistration



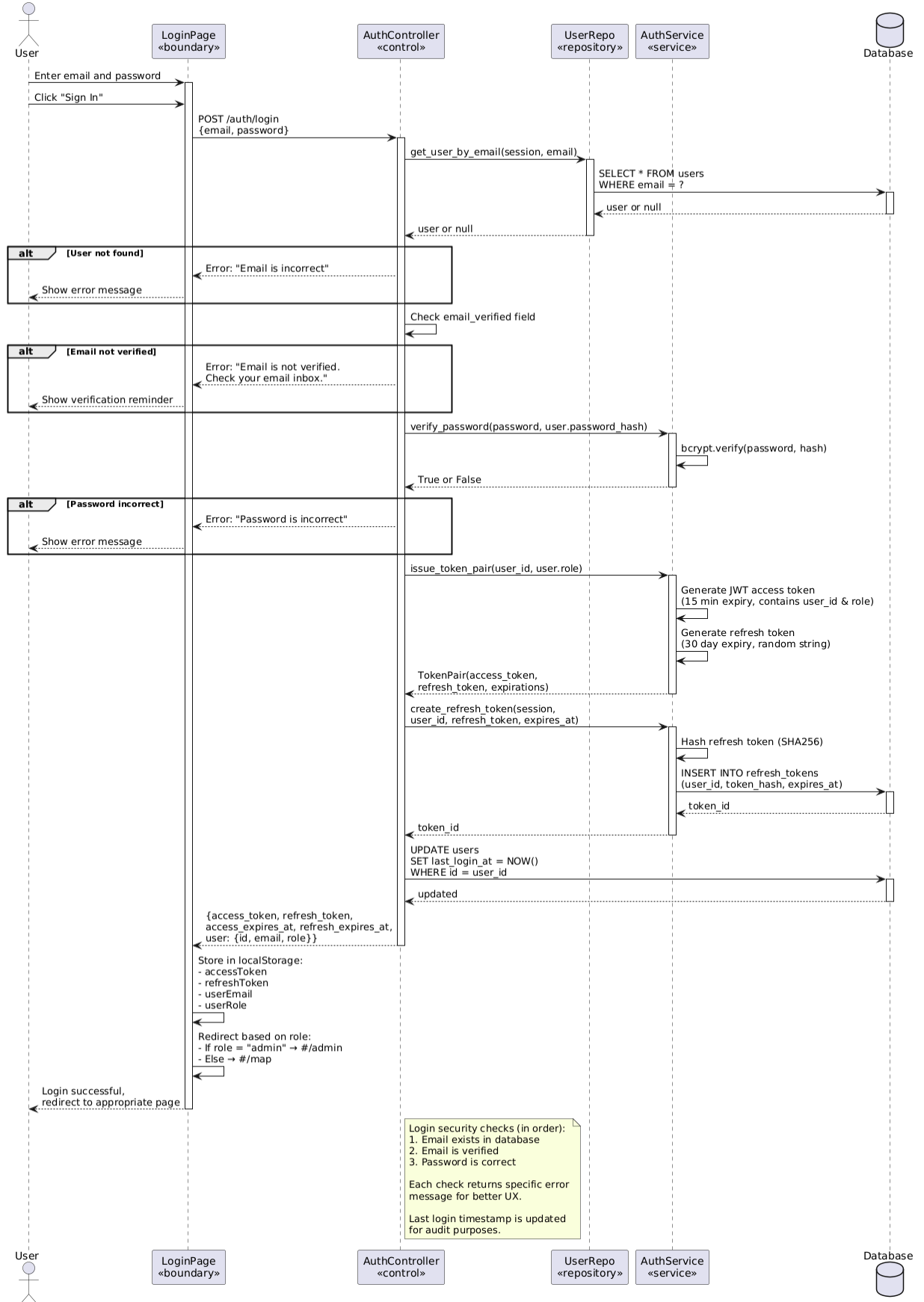


## 6.2 GoogleSign-In

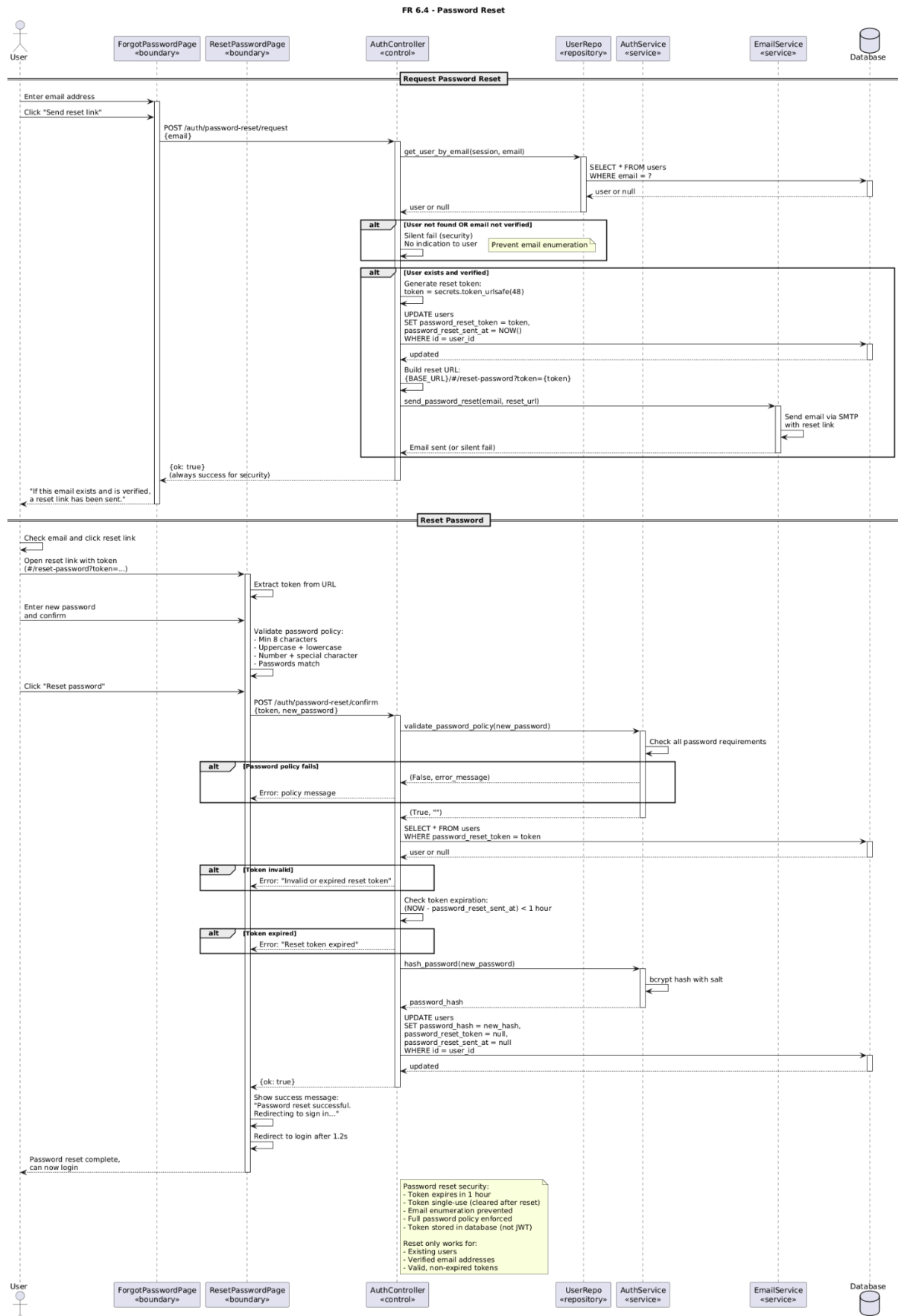


## 6.3 UserLogin

FR 6.3 - User Login (Email/Password)



## 6.4 PasswordReset



## 6.5 ProfileManagement

FR 6.5 - Profile Management

