

Sequence Diagram

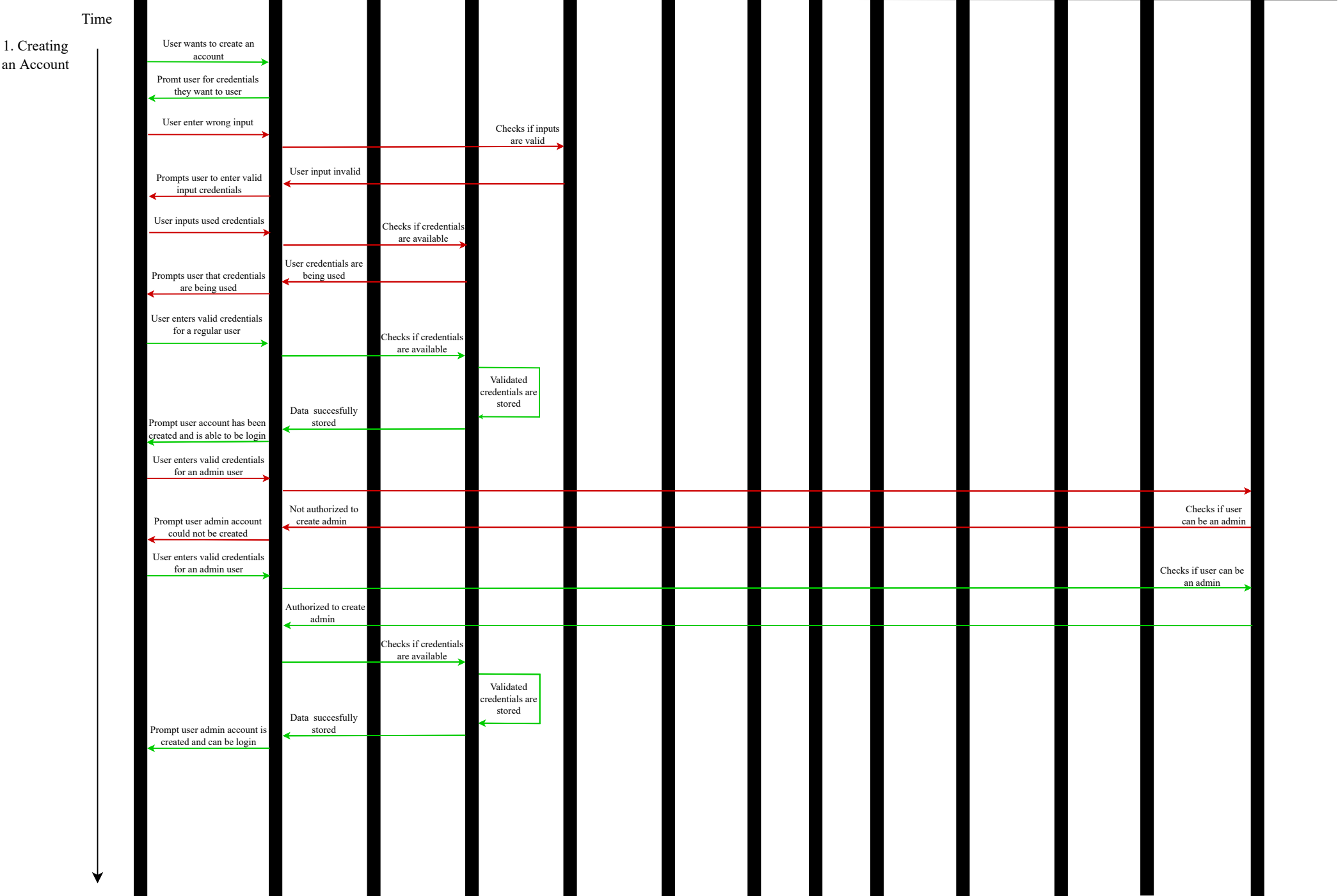
Legend: Successful User Interaction

Failed User Interaction

Front End

Back End

User Stories User / Browser User Creation Login / Logout Data Store Error Handling User Access Control Map Pins Alerts Reputation Services Events Authentication Check



Sequence Diagram

Legend: Successful User Interaction

Failed User Interaction

Front End

Back End

User /
Browser

User Creation

Login /
Logout

Data Store

Error
Handling

User Access
Control

Map

Pins

Alerts

Reputation

Services

Events

Authentication
Check

Time

2. Login /
logout

user enter invalid
input

check if input valid

Prompts user to enter valid
input credentials

user input invalid

user enters valid
credentials

Login timed out

Prompt user login timed out,
refresh page

Error logged

user enters valid
credentials

Check if valid user

User does exits

User is logged in

User wants to logout

Logout timed out

Prompt user logout error, try
again

Error logged

User wants to logout

User is logged out

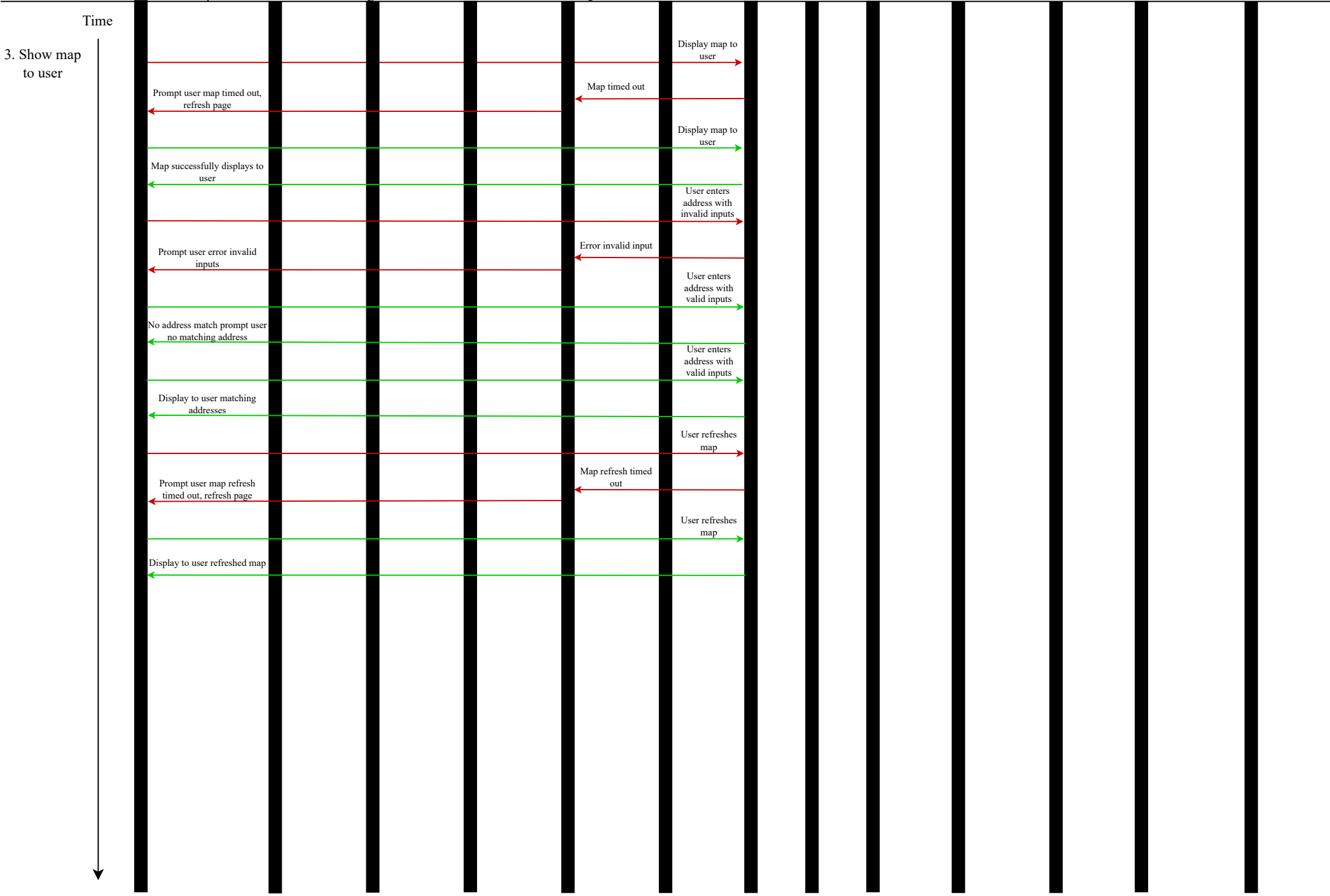
Sequence Diagram

Legend: Successful User Interaction →
Failed User Interaction →

Front End

Back End

User Stories User / Browser User Creation Login / Logout Data Store Error Handling User Access Control Map Pins Alerts Reputation Services Events Authentication Check



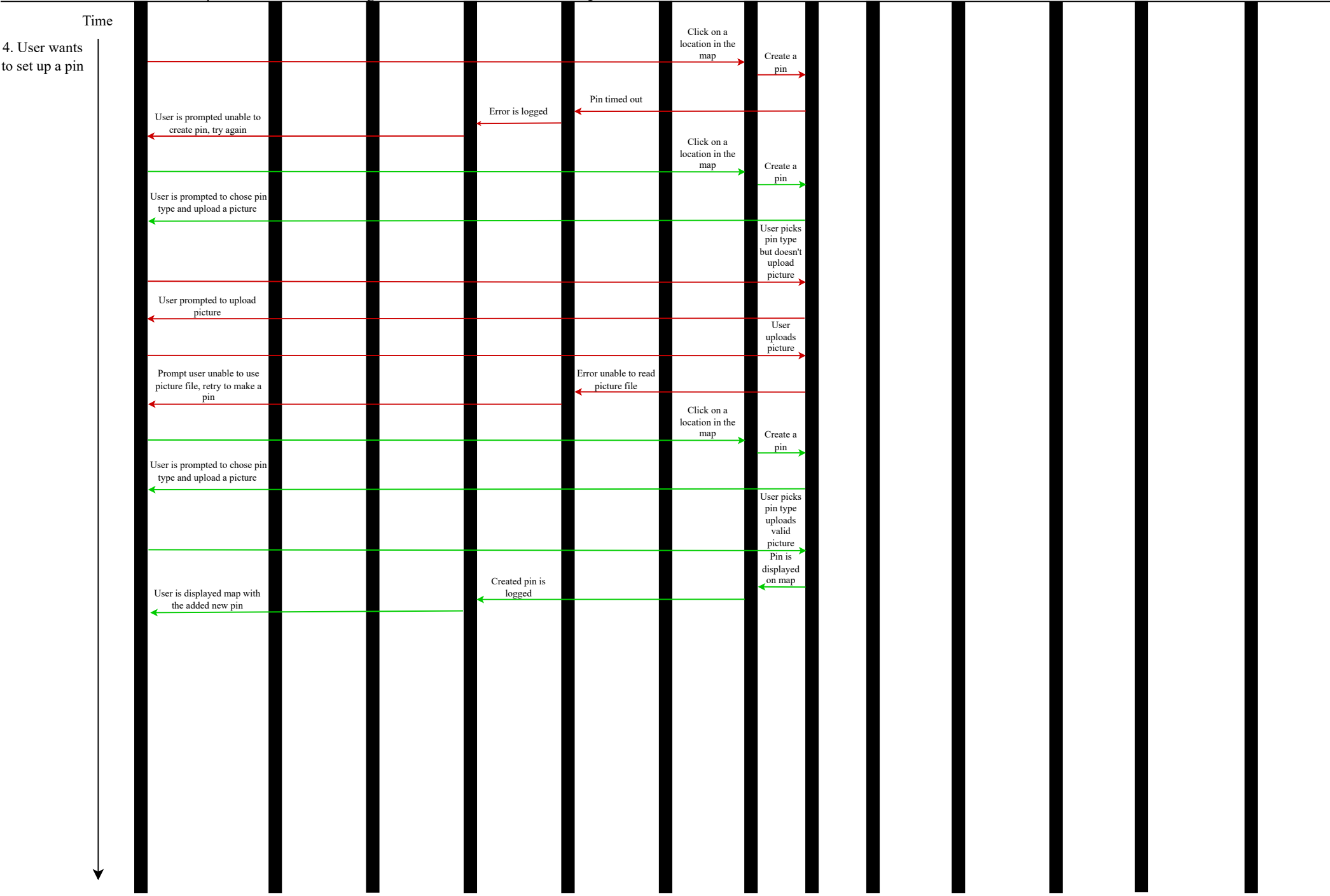
Sequence Diagram

Legend: Successful User Interaction →
Failed User Interaction →

Front End

Back End

User Stories User / Browser User Creation Login / Logout Data Store Error Handling User Access Control Map Pins Alerts Reputation Services Events Authentication Check



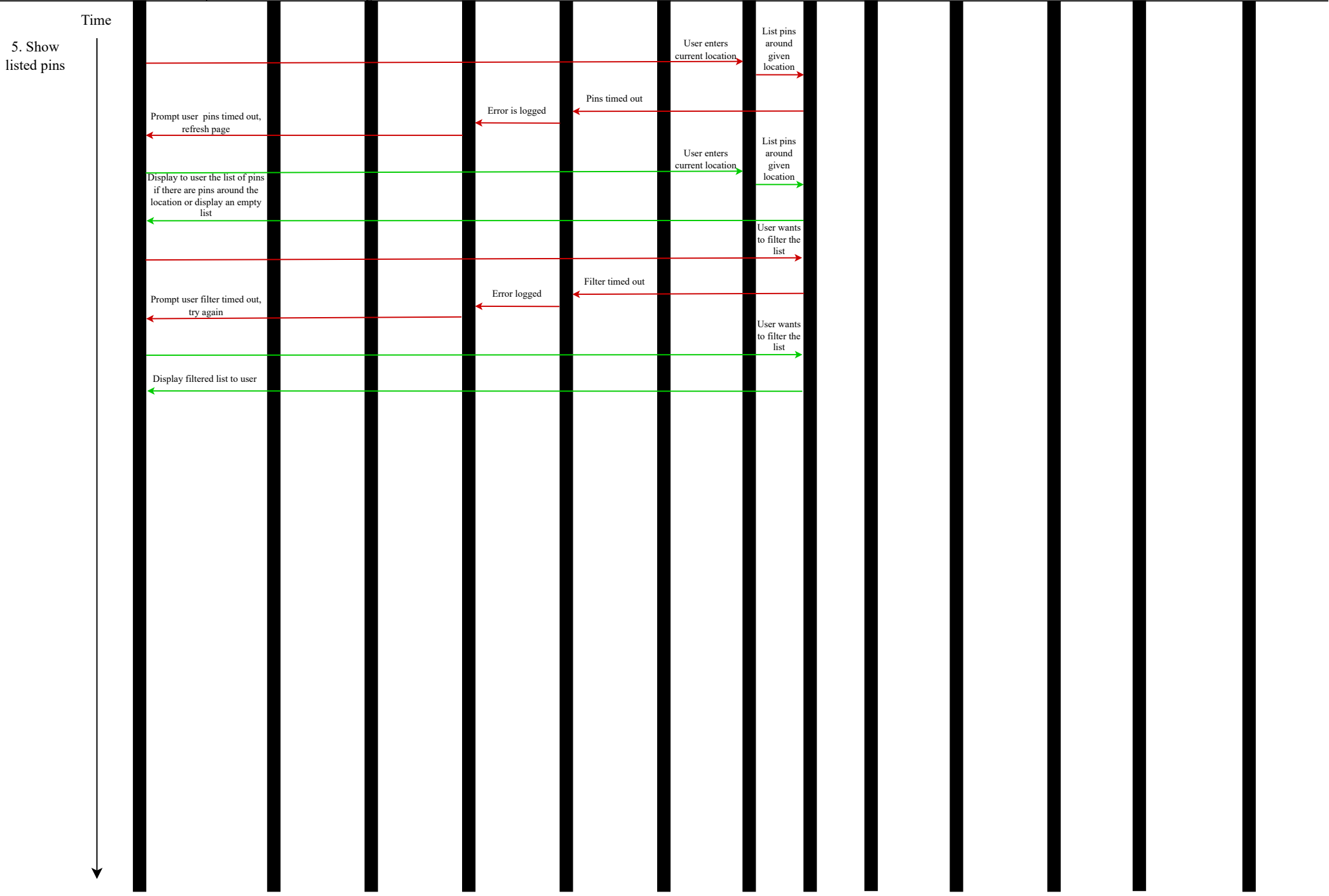
Sequence Diagram

Legend: Successful User Interaction Failed User Interaction

Front End

Back End



User Stories User / Browser User Creation Login / Logout Data Store Error Handling User Access Control Map Pins Alerts Reputation Services Events Authentication Check



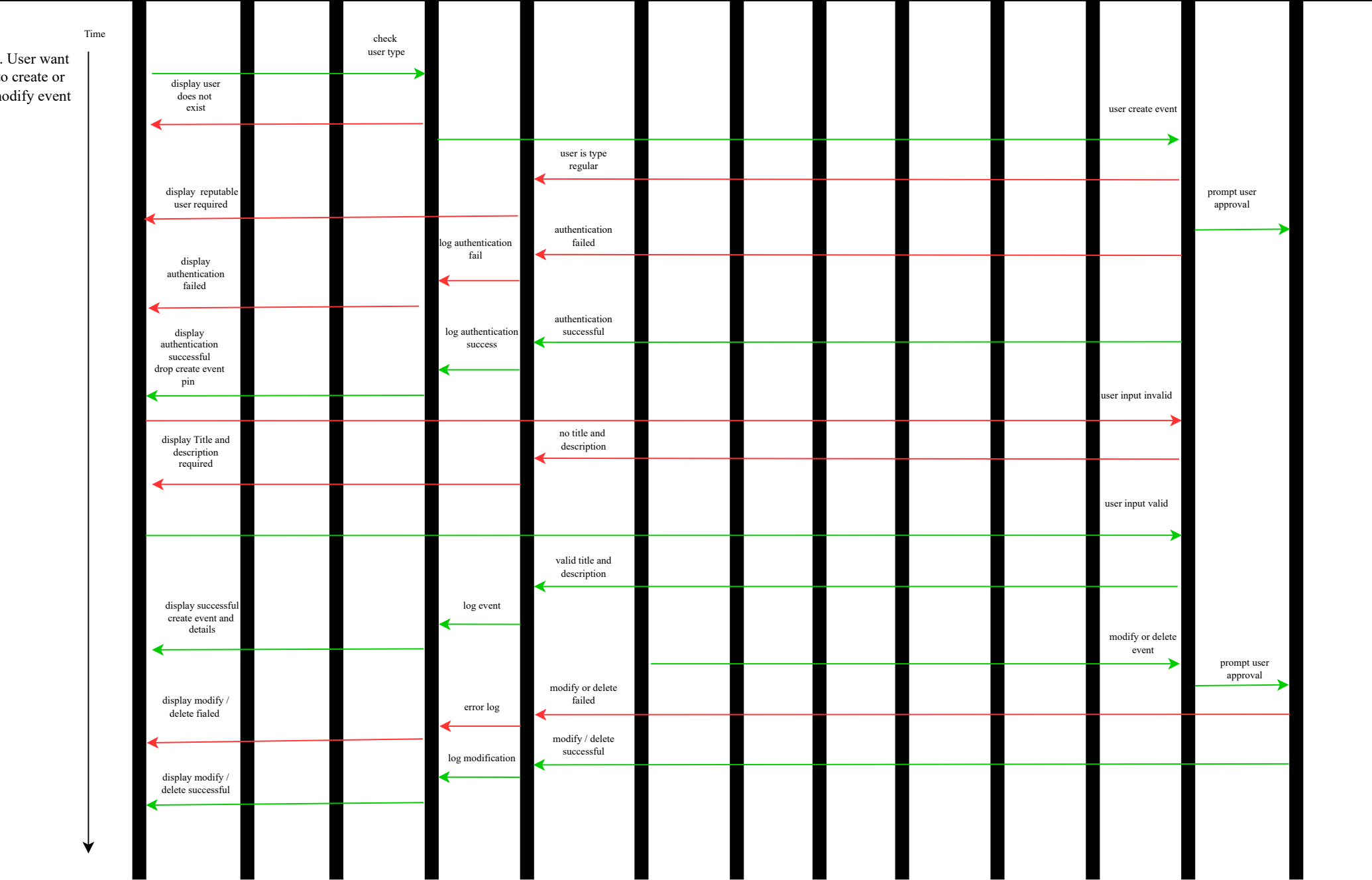
Sequence Diagram

Front End

Back End

Legend: Successful User Interaction 
Failed User Interaction 

User Stories User / Browser User Creation Login / Logout Data Store Error Handling User Access Control Map Pins Alerts Reputation Services Events Authentication Check

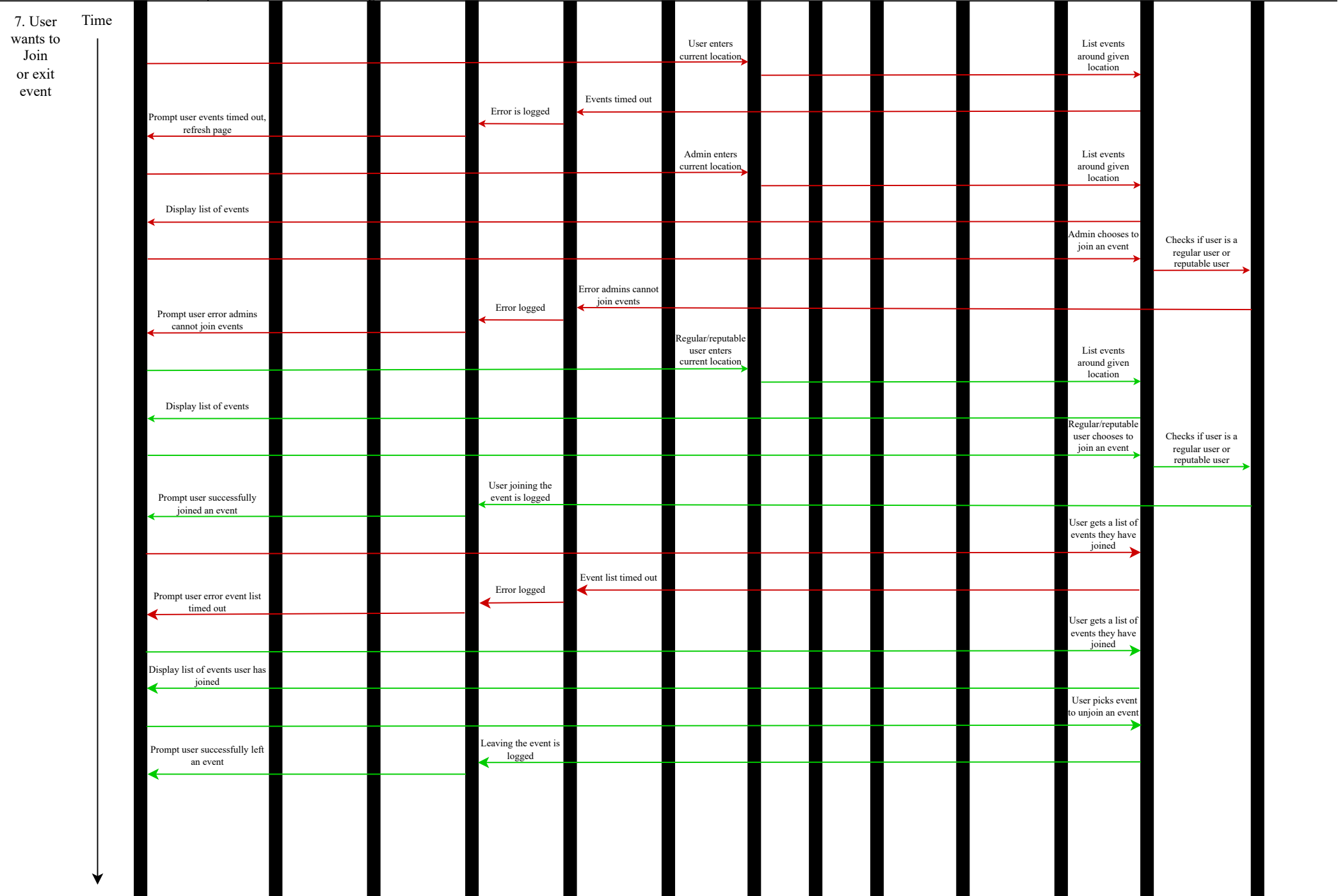
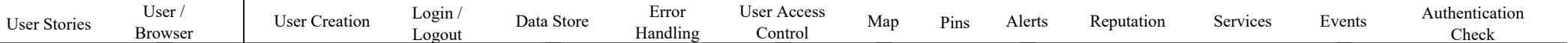


Sequence Diagram

Legend: Successful User Interaction →
Failed User Interaction →

Front End

Back End



Sequence Diagram

Legend: Successful User Interaction

Failed User Interaction

Front End

Back End

User Stories

User / Browser

User Creation

Login / Logout

Data Store

Error Handling

User Access Control

Map

Pins

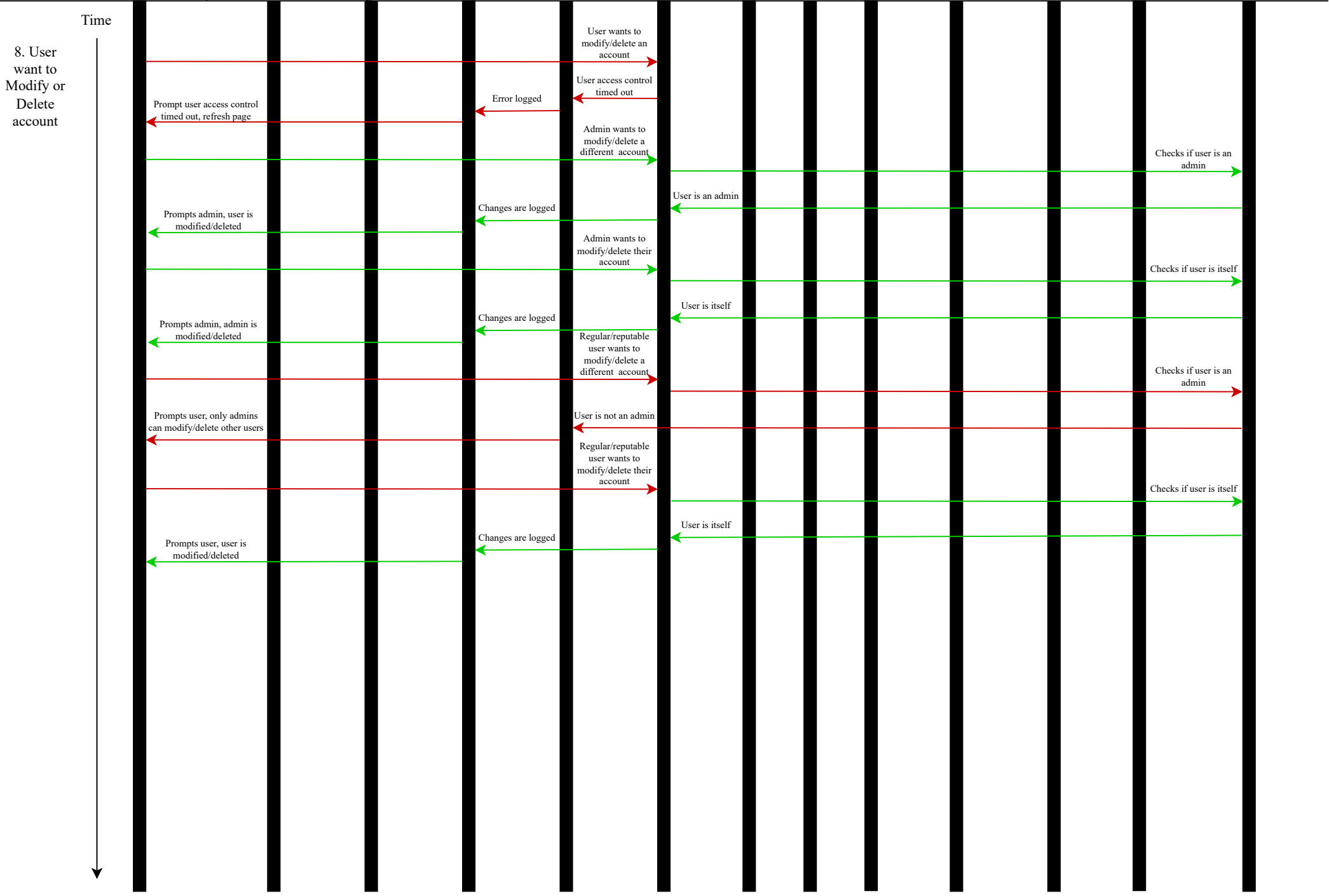
Alerts

Reputation

Services

Events

Authentication Check



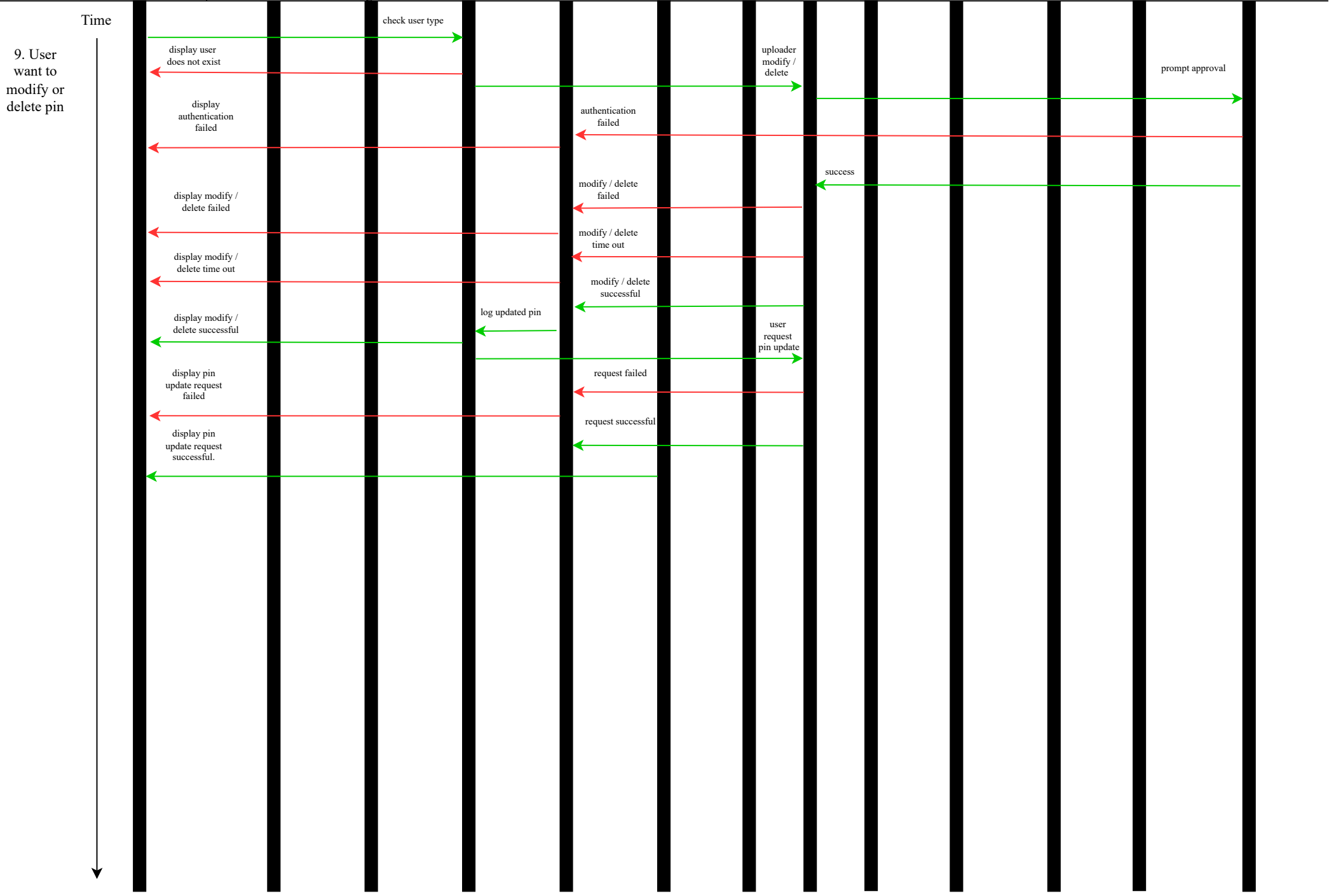
Sequence Diagram

Legend: Successful User Interaction Failed User Interaction

Front End

Back End



User Stories User / Browser User Creation Login / Logout Data Store Error Handling User Access Control Map Pins Alerts Reputation Services Events Authentication Check

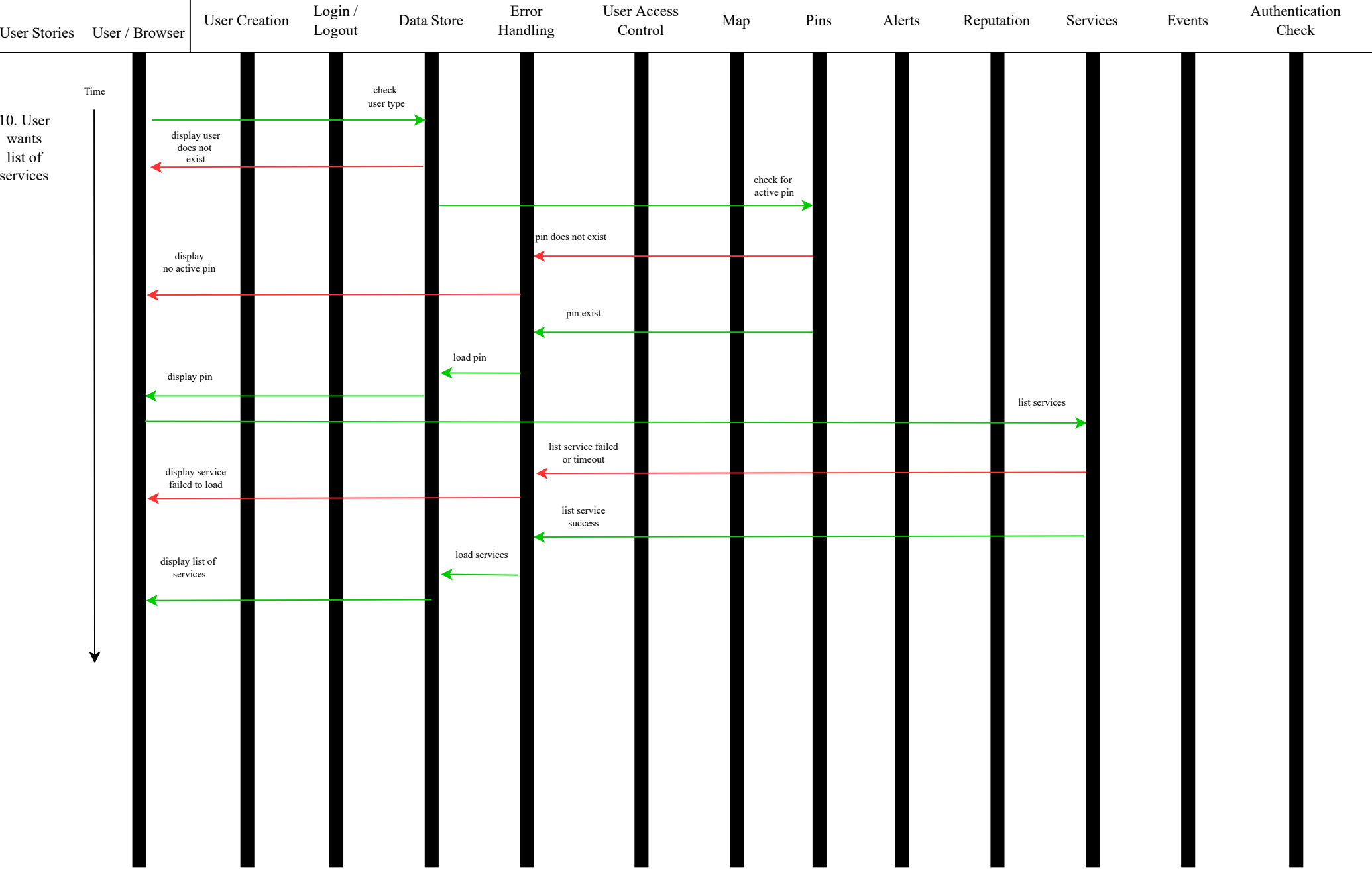


Sequence Diagram

Front End

Back End

Legend: Successful User Interaction 
Failed User Interaction 



Sequence Diagram

Front End

Back End

Legend: Successful User Interaction
Failed User Interaction

User Stories User / Browser User Creation Login / Logout Data Store Error Handling User Access Control Map Pins Alerts Reputation Services Events Authentication Check



Sequence Diagram

Front End

Back End

Legend: Successful User Interaction

Failed User Interaction

User Stories

User / Browser

User Creation

Login / Logout

Data Store

Error Handling

User Access Control

Map

Pins

Alerts

Reputation

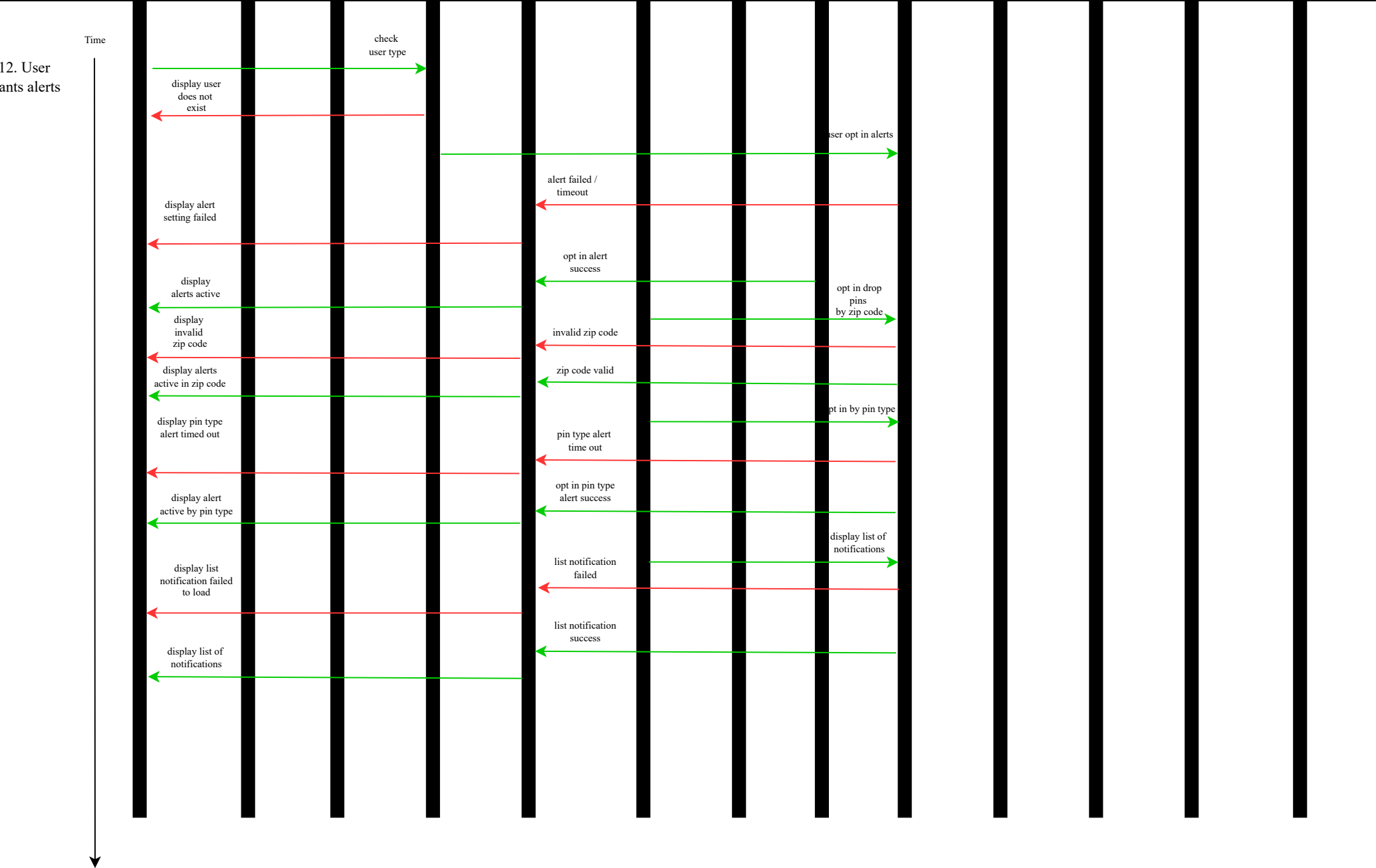
Services

Events

Authentication Check

12. User wants alerts

Time



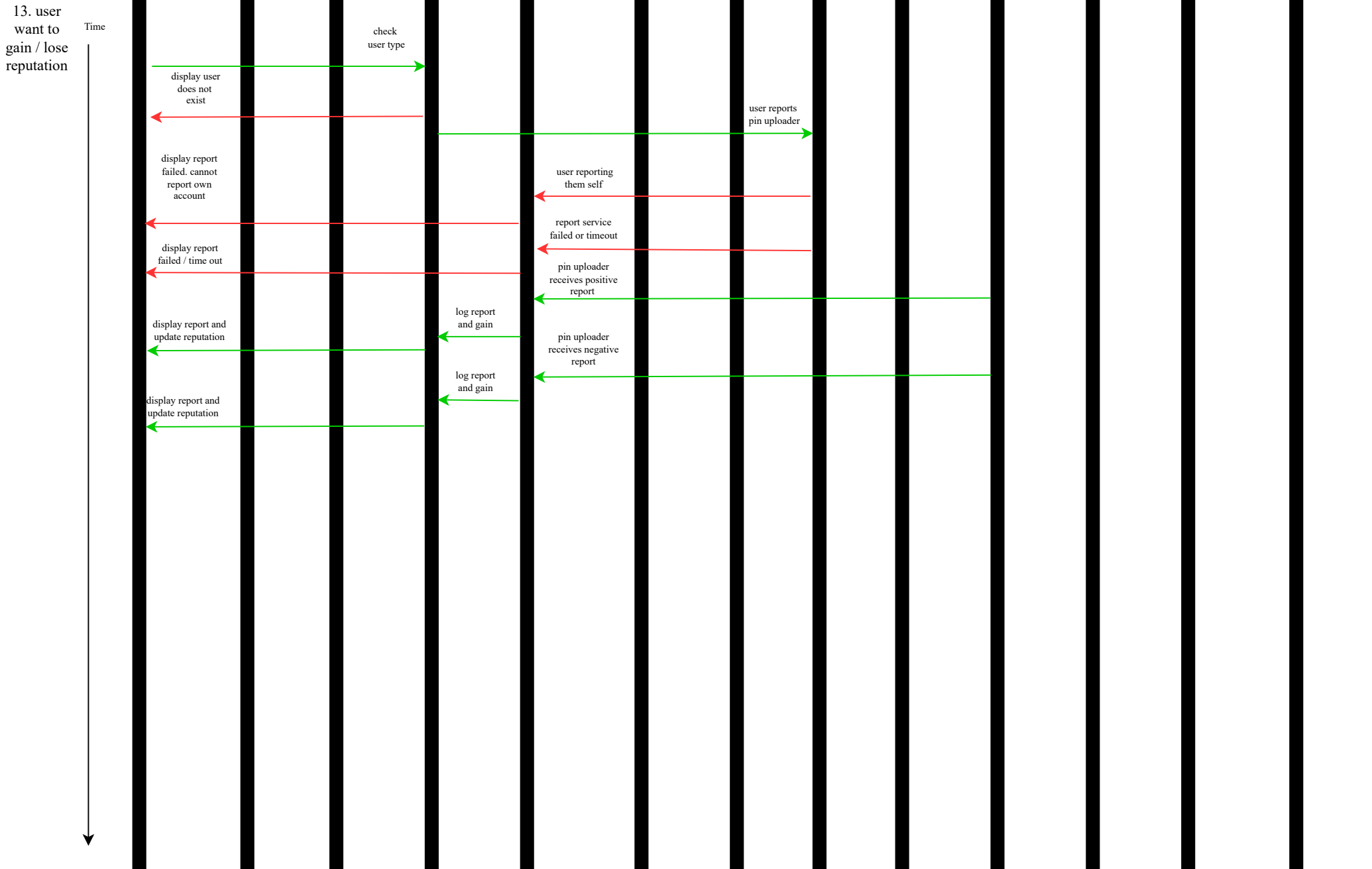
Sequence Diagram

Front End

Back End

Legend: Successful User Interaction
Failed User Interaction

User Stories User / Browser User Creation Login / Logout Data Store Error Handling User Access Control Map Pins Alerts Reputation Services Events Authentication Check



Architect Design



= DataBase

