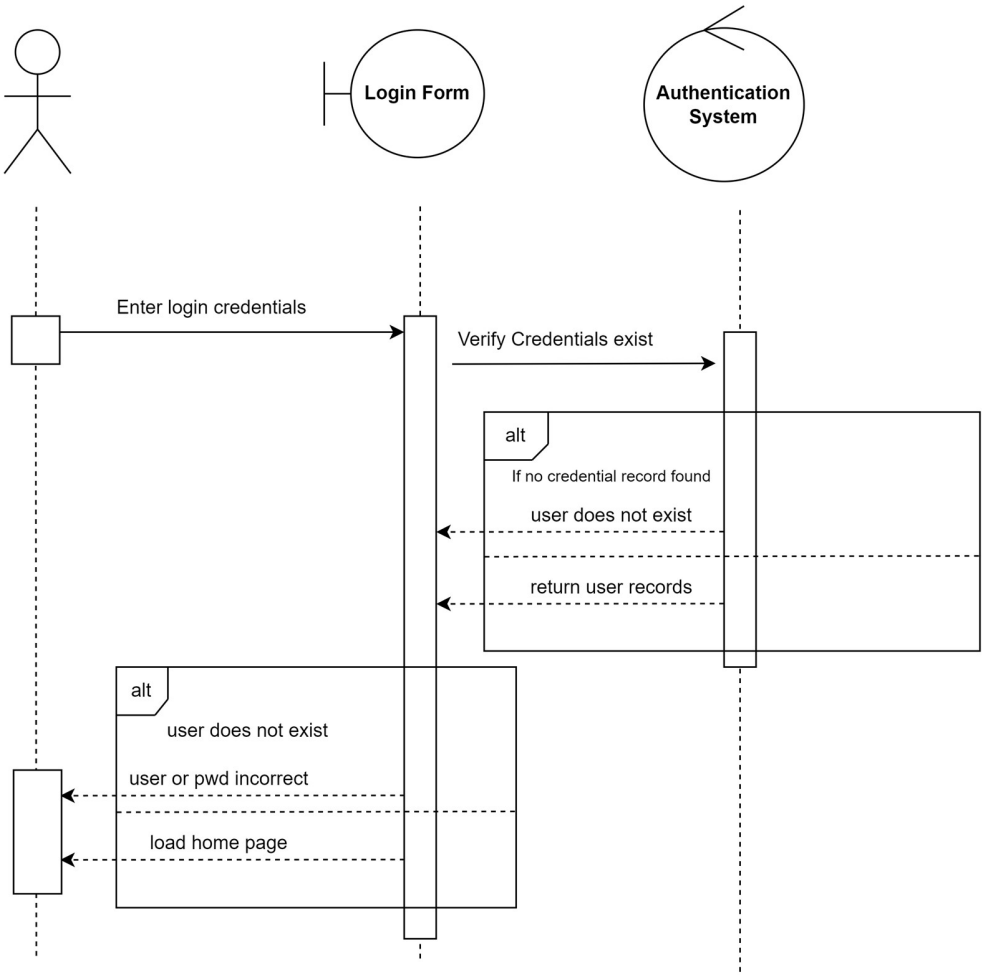
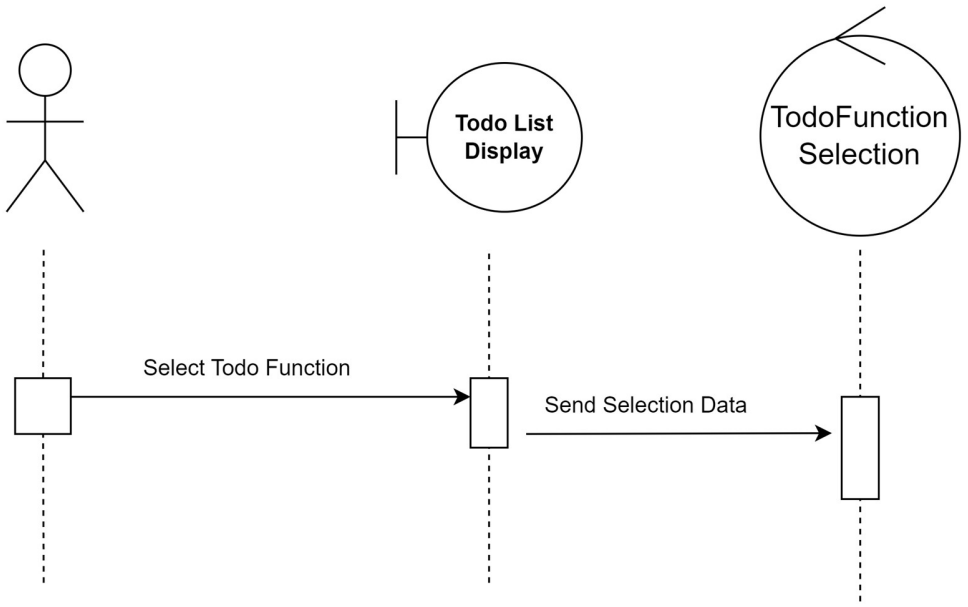
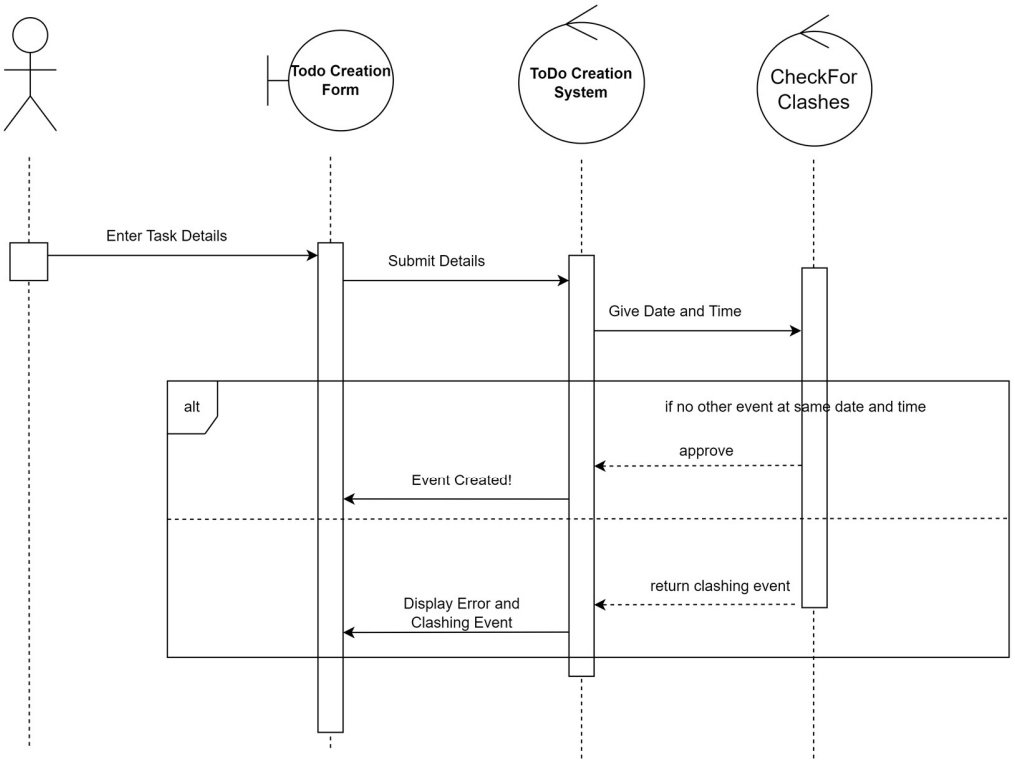
uc LOGIN


Login Form
Authentication System
Enter login credentials
Verify Credentials exist
alt
If no credential record found
user does not exist
return user records
alt
user does not exist
user or pwd incorrect
load home page

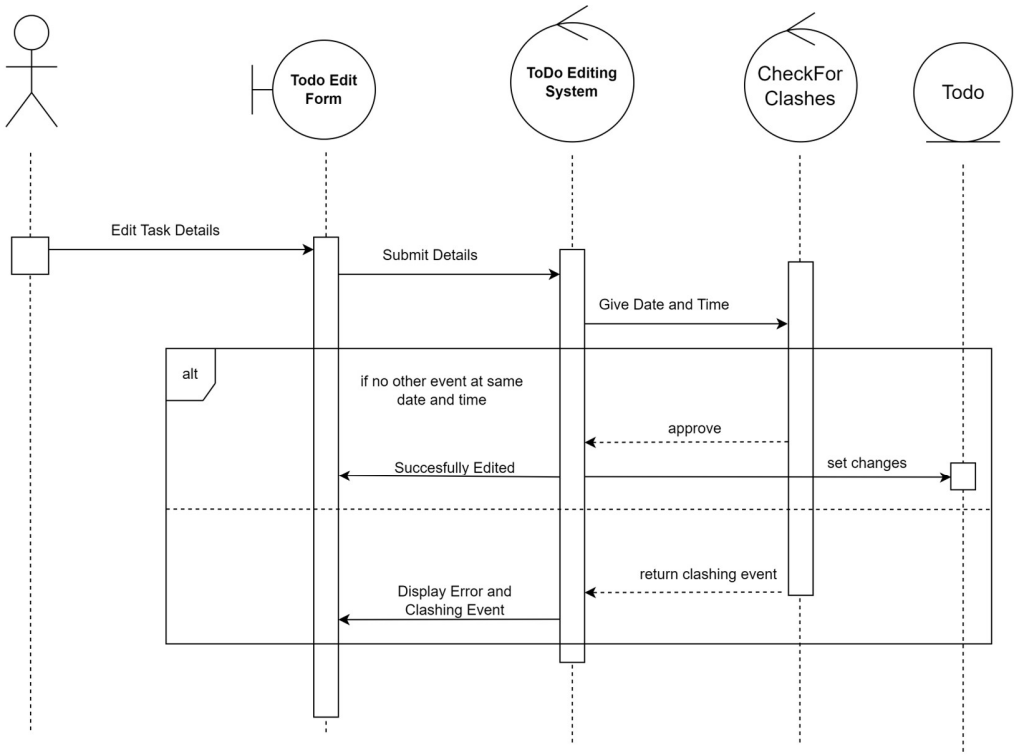
uc MANAGE TODO



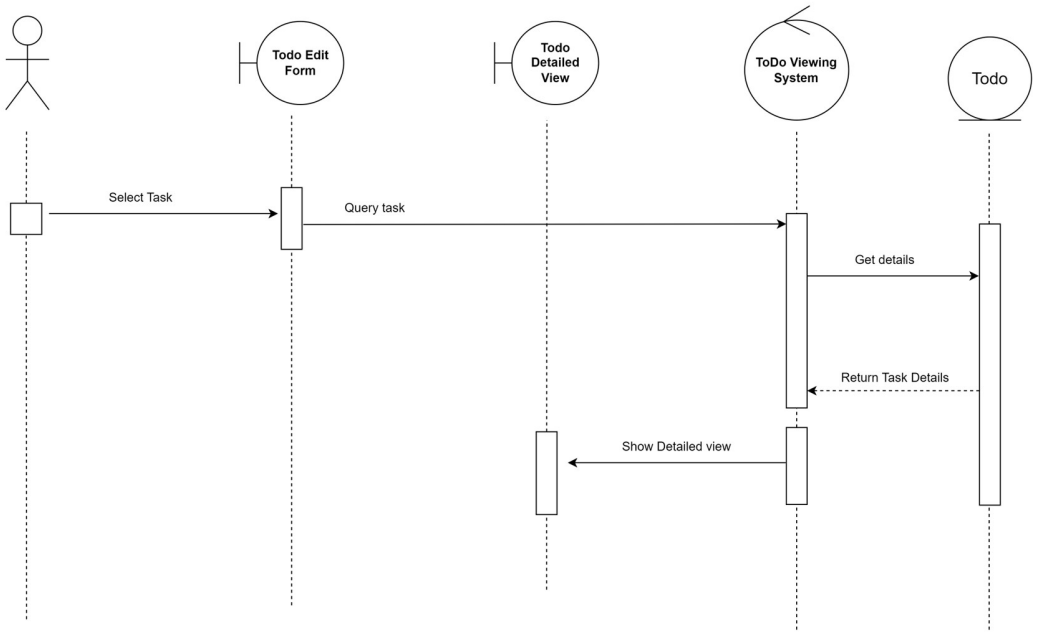
uc CREATE


Todo Creation Form
ToDo Creation System
CheckFor Clashes
Enter Task Details
Submit Details
Give Date and Time
alt
if no other event at same date and time
approve
Event Created!
return clashing event
Display Error and Clashing Event

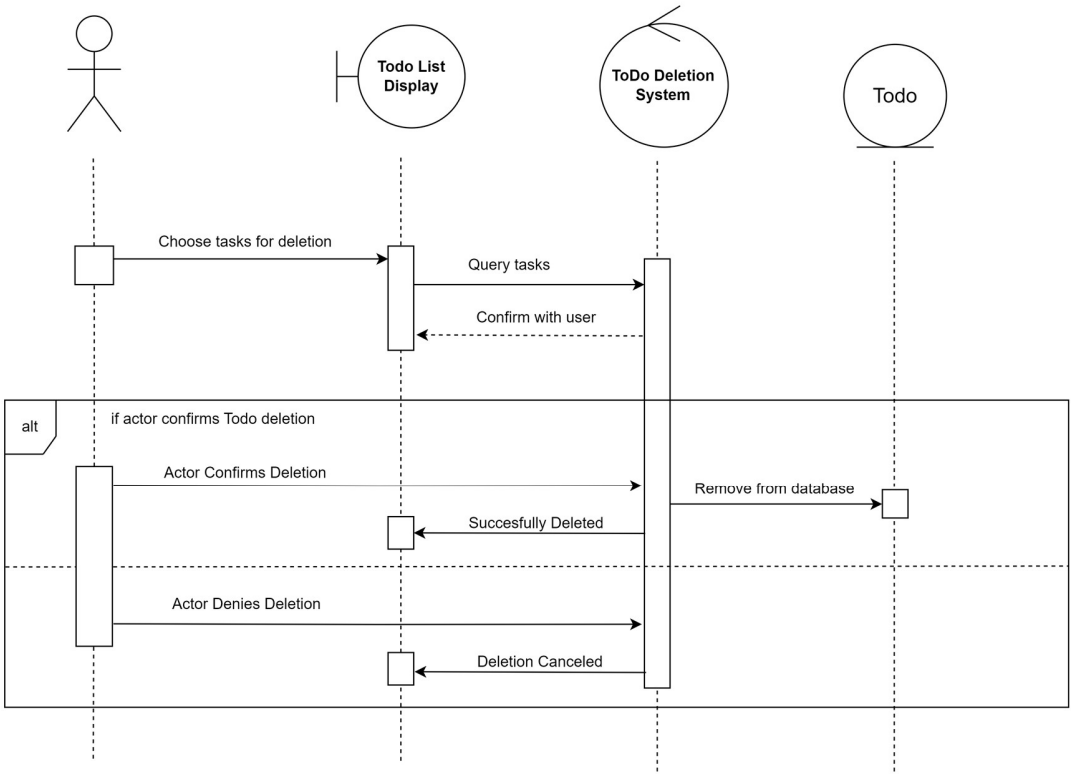
uc EDIT


Todo Edit Form
ToDo Editing System
CheckFor Clashes
Todo
Edit Task Details
Submit Details
Give Date and Time
alt
if no other event at same date and time
approve
Succesfully Edited
set changes
return clashing event
Display Error and Clashing Event

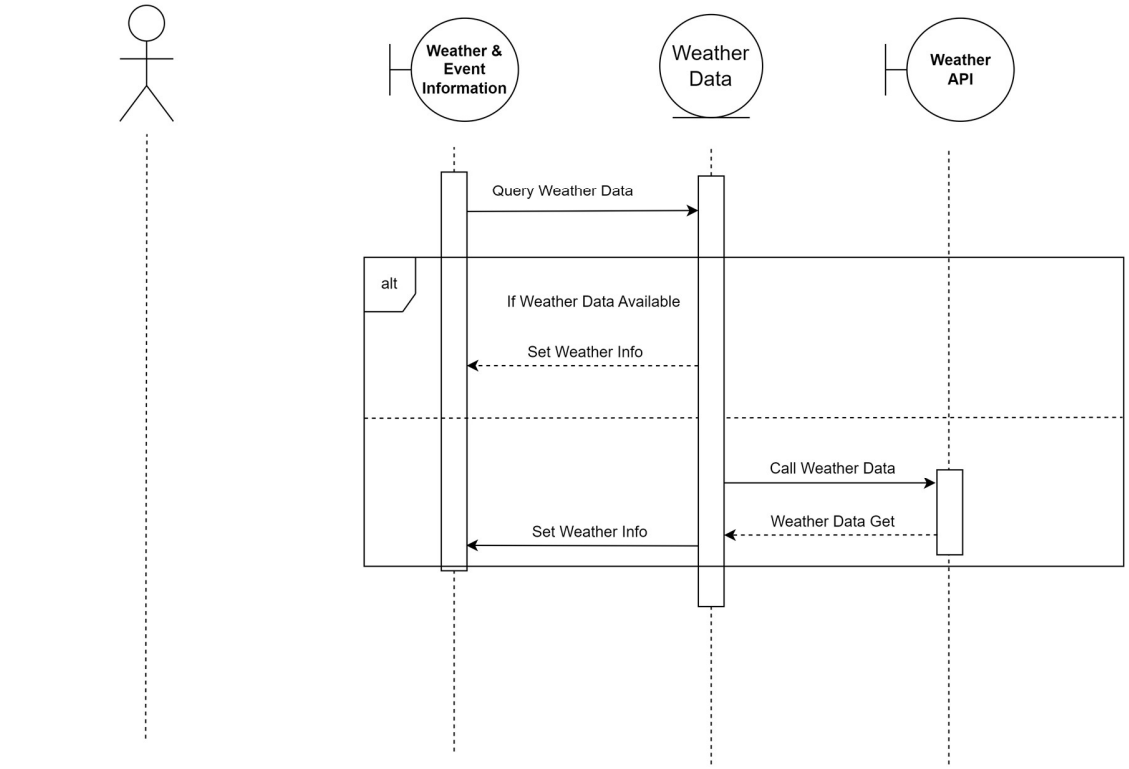
uc SELECT


Todo Edit Form
Todo Detailed View
ToDo Viewing System
Todo
Select Task
Query task
Get details
Return Task Details
Show Detailed view

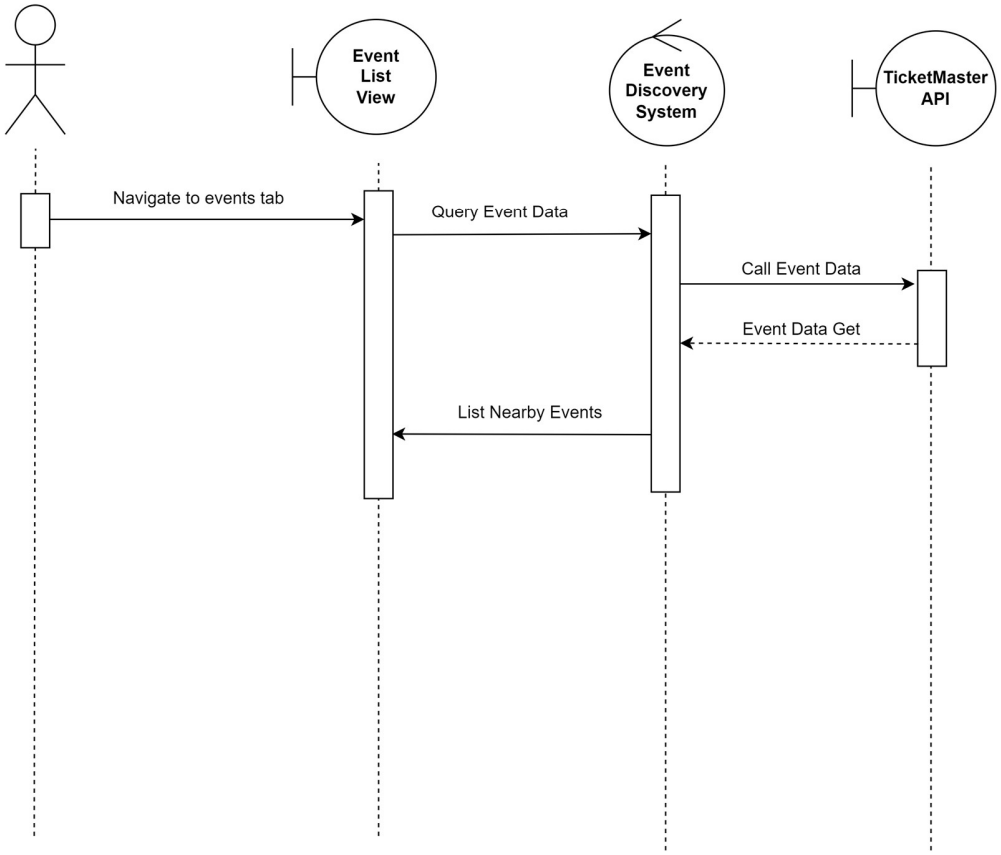
uc DELETE


Todo List Display
ToDo Deletion System
Todo
Choose tasks for deletion
Query tasks
Confirm with user
alt
if actor confirms Todo deletion
Actor Confirms Deletion
Remove from database
Succesfully Deleted
Actor Denies Deletion
Deletion Canceled

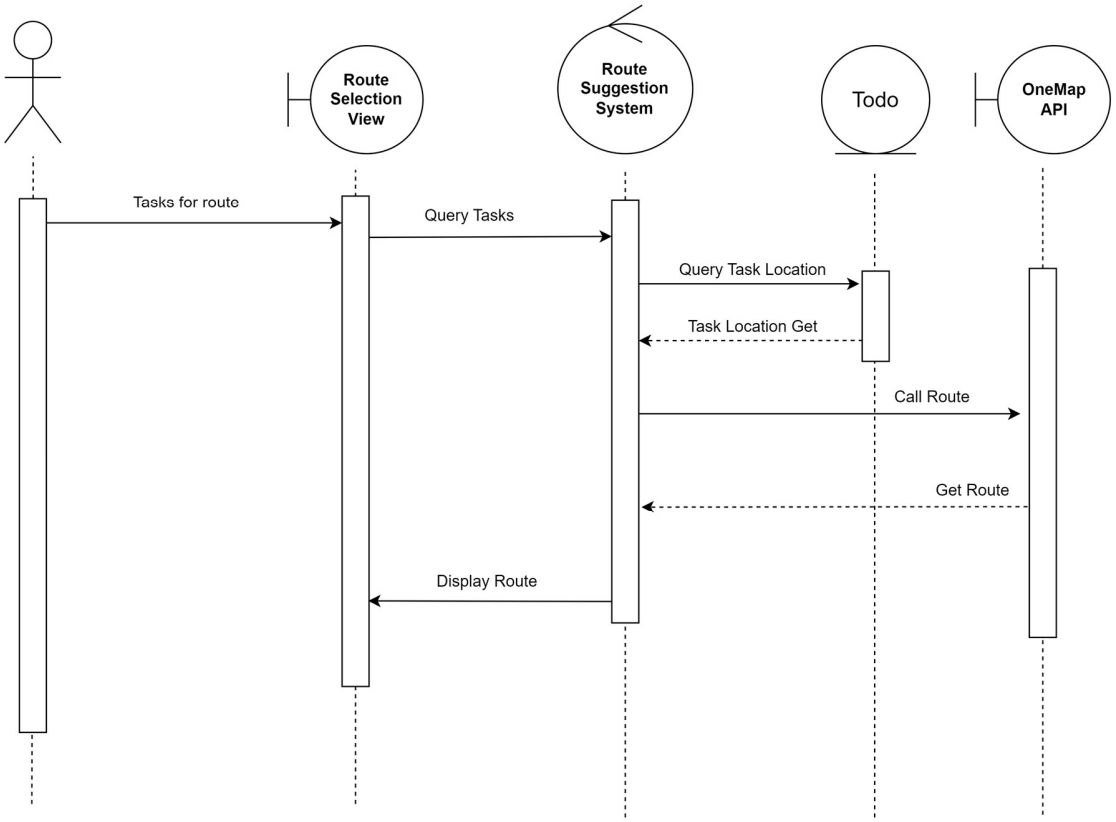
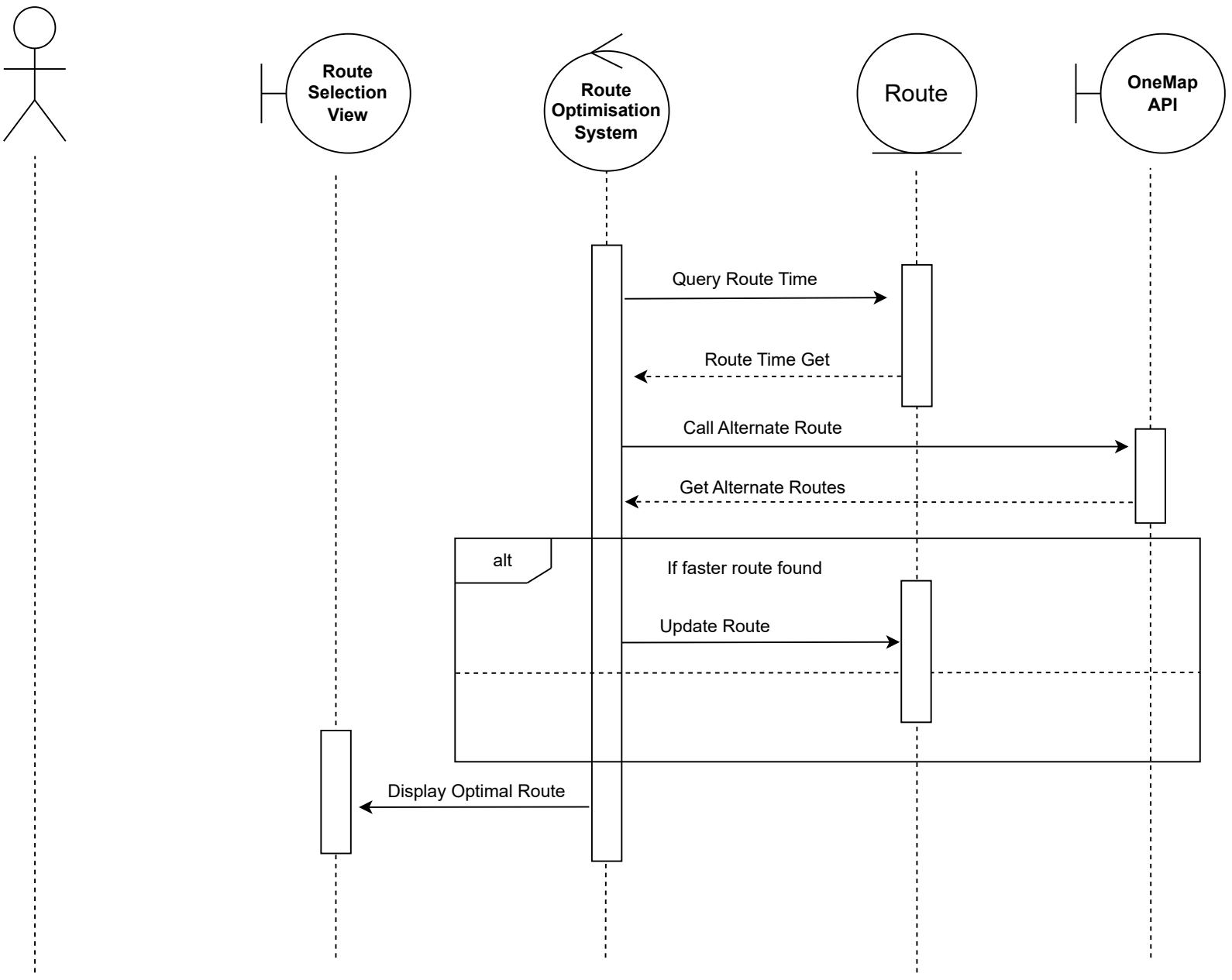
uc WEATHER GET



uc EVENT LIST



uc ROUTER


Route Selection View
Route Suggestion System
Todo
OneMap API
Tasks for route
Query Tasks
Query Task Location
Task Location Get
Call Route
Get Route
Display Route

uc ROUTE OPTIMIZER