Searching

User	View	Control	Model	DatabaseManager	ServerSide	dbReviewList

input charactor key

Call function to update input food keyword

alt [If it is received another input charactor from user]

Set count down time to 1 second

[If no input for 1 second]

Check text input is review ID or food key word

Call search function

alt [food key word]

Call request function with food keyword

Send API Get
Path: : /reviews?query=:text

Query

Return result

return result

[review ID]

Call request function with review ID

Send API Get
Path: /reviews/:id

Query

Return result

return result

return result

Pack result to model

Init data

Call get data with HTML format

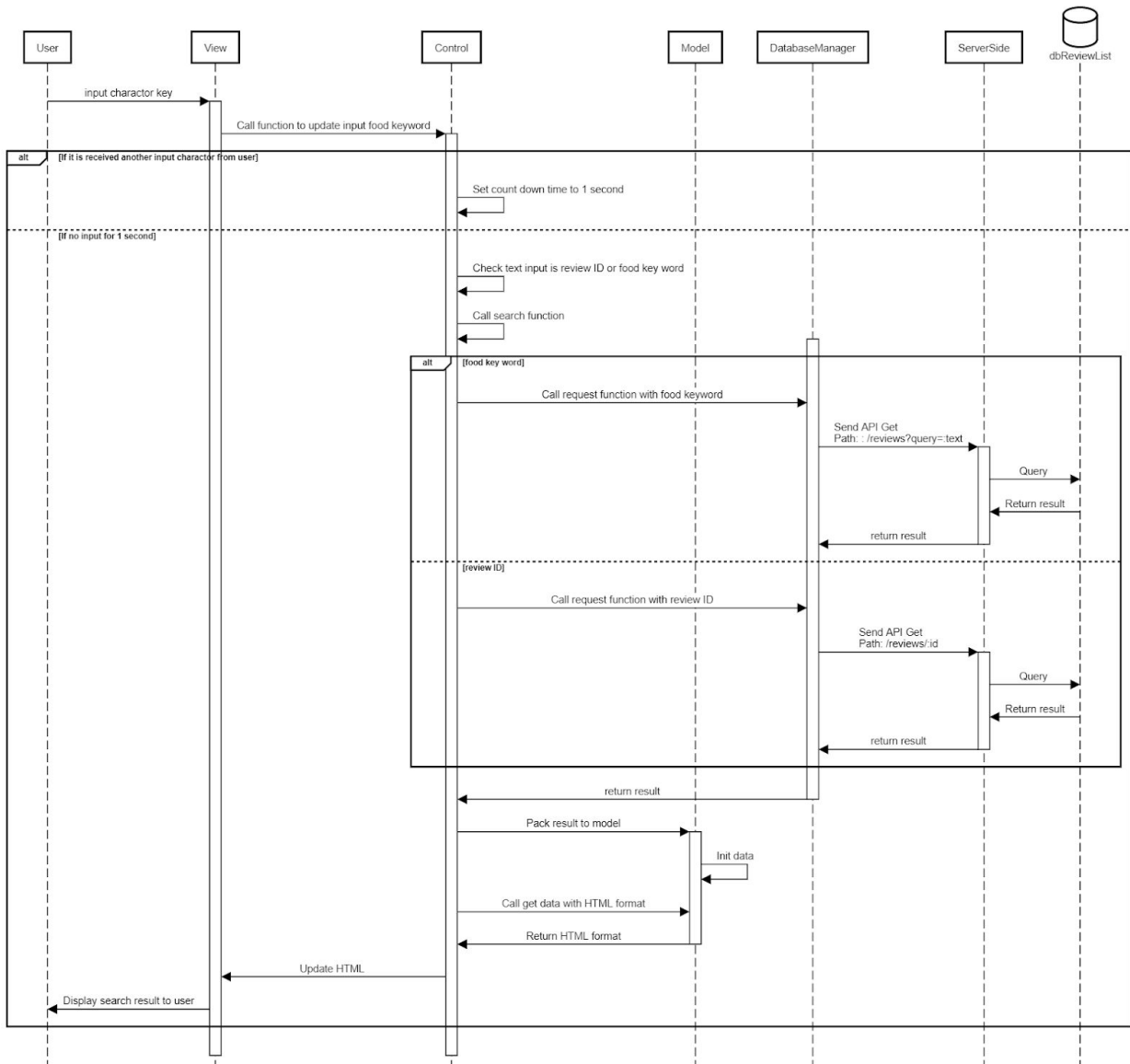Return HTML format

Update HTML

Display search result to user

Use case description
- ● Use Case: Searching
- ● Pre-Condition: User input food keyword or review ID
- ● Pos-Condition: Search data
- ● Main Flow:
    1. Users input key.
    2. Users do not input any key for 1 second.
        2.1 Check input key
        2.2 Call search function
        2.3 Send **GET** Request API to ServerSide
            - In case of input text is food keyword
                Send to path: /reviews?query=:text
            - In case of input text is Review ID
                Send to path: /reviews/:id
        2.4 Pack the result to **Model**
        2.5 Export result with HTML data via method of **Model**
        2.6 Return HTML data to View