|  |  |  |
| --- | --- | --- |
| **Description of Interaction of Use Case** | | |
| Name: | Loggin In or Creating an account. | |
| Initiating Actor: | User or Tour Guide | |
| Participating Actors: |  | |
| Goal: | For user or tour guide to create an account or login if they already have created one | |
| Precondition: | 1. Navigate to correct URL 2. Be able to choose to login or create an account 3. Be able to click a button to take them to create an account to sign if they need to 4. Have input fields to put information into and button to submit info | |
| Flow of Events: | User | System |
|  | 0.a User clicks sign up |  |
|  | 1.a System loads a new view to /signup |
| 2.a User fills out input like email, password and checks a checkbox if they want to register as a tour guide |  |
|  | 3.a System takes user input and makes POST API call with users credentials |
|  | 4.a System receives the logged in API token via a GET API call and stores that in localStorage and redirects the user to the view /explore |
| 0.b Input username and password info input fields for sign in |  |
|  | 1.b System takes user input and makes POST API call with users credentials |
|  | 2.b.1 API call Response delivers an authentication token that belongs to the scheme of normal users. (xxxxxx\_user) then the system will redirect to /explore the tours.  2.b.2 API call Response delivers an authentication token that belongs to the scheme of tour guides. (xxxxxx\_guide) then the system will redirect to /dashboard the tours.  2.b.3 response is not valid and the form is cleared out |
|  |  |
|  |  |
|  |  |
| Exceptions: | * Inputs are incorrectly filled (2.a, 0.b) * Database error/offline/bad endpoint(3.a, 4.a, 1.b, 2.b1, 2.b.2) | |
| Postconditions: | The user is either at the /dashboard view or at the /explore view. The user is logged in and eventually, an account was created. | |
| Rules: |  | |
| Quality Constraints: | * The log should happen within 5 seconds * Logging in or signing up is done within a few clicks * Only logged in tour guide are able to access /dashboard and see only their own tours | |
| Used Functions: | * Database access * API calls (GET, POST) * Routing and Protected Routing(/dashboard) | |