

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:	<ol style="list-style-type: none"> <li>1. Navigate to correct URL</li> <li>2. Be able to choose to login or create an account</li> <li>3. Be able to click a button to take them to create an account to sign if they need to</li> <li>4. Have input fields to put information into and button to submit info</li> </ol>	
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
		<p>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.</p> <p>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.</p> <p>2.b.3 response is not valid and the form is cleared out</p>
Exceptions:	<ul style="list-style-type: none"> <li>Inputs are incorrectly filled (2.a, 0.b)</li> <li>Database error/offline/bad endpoint(3.a, 4.a, 1.b, 2.b1, 2.b.2)</li> </ul>	
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:	<ul style="list-style-type: none"> <li>The log should happen within 5 seconds</li> <li>Logging in or signing up is done within a few clicks</li> <li>Only logged in tour guide are able to access /dashboard and see only their own tours</li> </ul>	
Used Functions:	<ul style="list-style-type: none"> <li>Database access</li> <li>API calls (GET, POST)</li> <li>Routing and Protected Routing(/dashboard)</li> </ul>	