Data Flow Testing

Data Flow Explanation Table:

Step	Node	Description	Outcome
1	Start	User initiates the process by clicking the register link	Redirects to register page
2	Register	User registers by providing required information	Successful registration (ok) or error (badRequest)
3	Login	User logs in with credentials	Successful login (ok) or error (badRequest)
4	Register Error	Displays error message	Returns to previous state
5	Profile	User's profile information is retrieved	Displays profile
6	Login Error	Returns to previous state	-
7	Post	User makes a post	Post service handles the post
8	Explore	User explores services	Retrieves all services
9	Return Post	Returns post data	-
10	Update	Updates post status	Updates status in the system
11	Logout	User logs out	Ends the session

Data Flow: