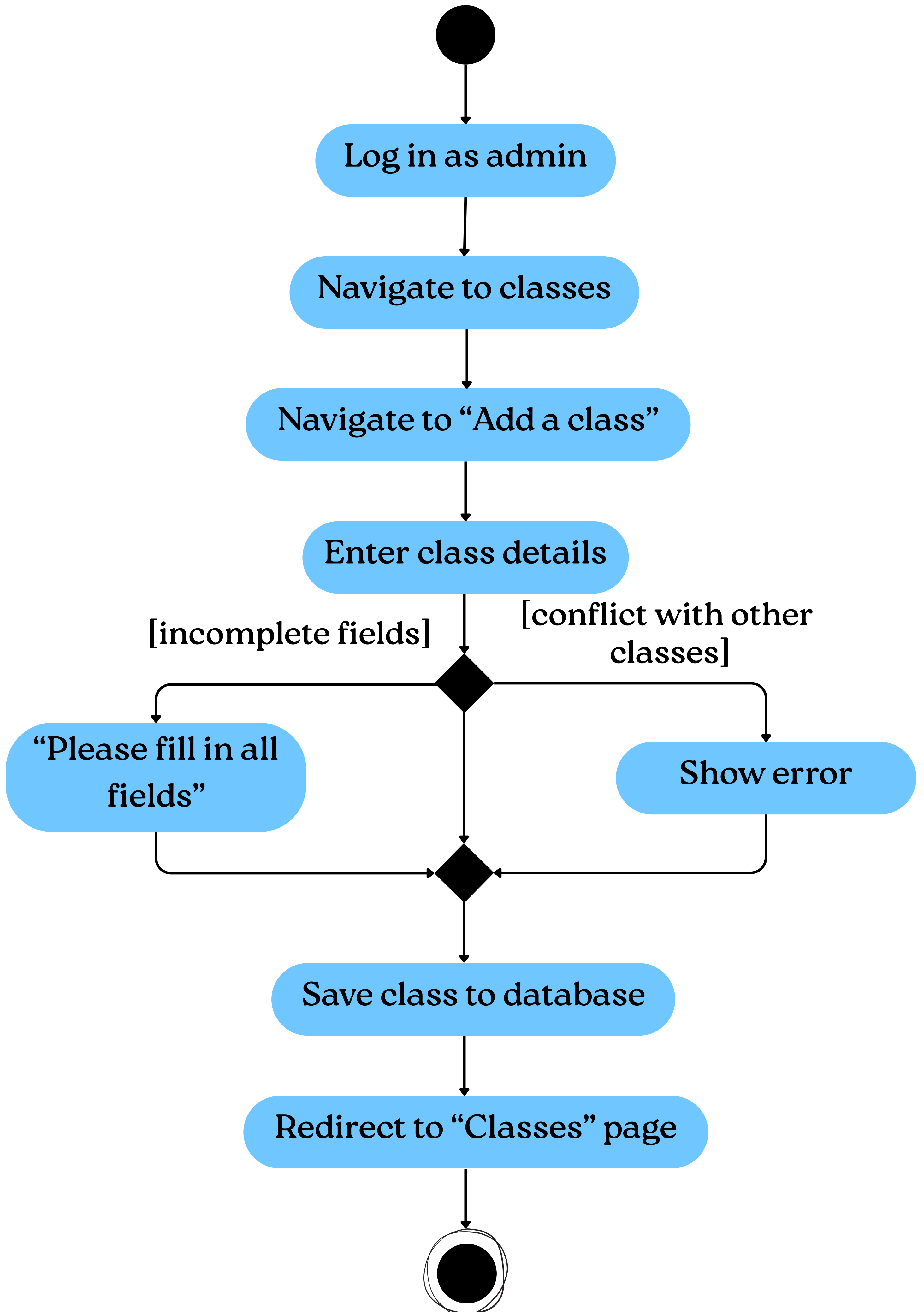


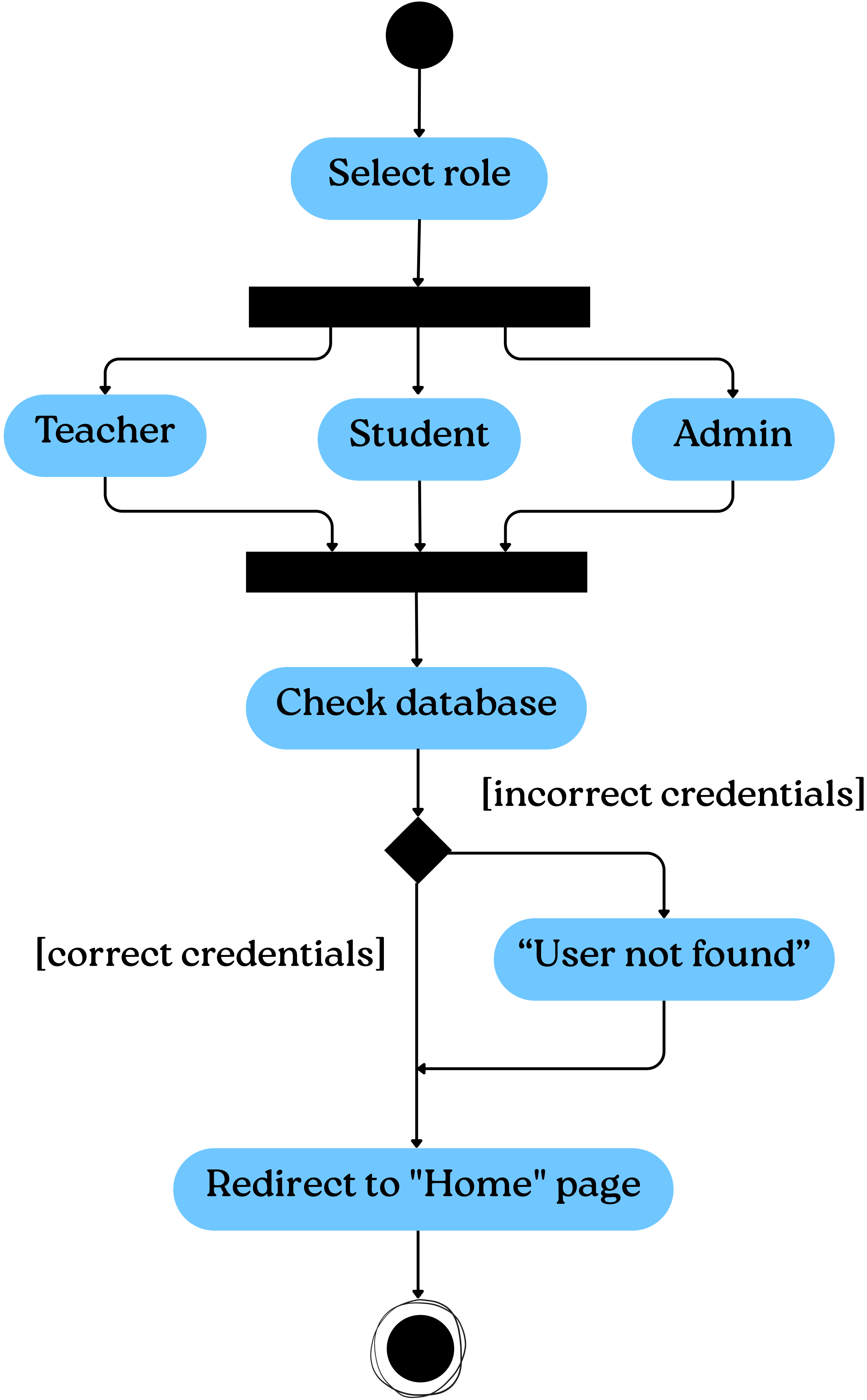
Classroom Creation



Classroom Creation

This activity diagram represents the process of creating a classroom by an admin. The admin logs in, navigates to the "Add a Class" page, and fills in the required fields. If any information is missing or there's a conflict with existing classes, an error is shown. If all fields are valid, the class is saved to the database, and the admin is redirected to the list of classes.

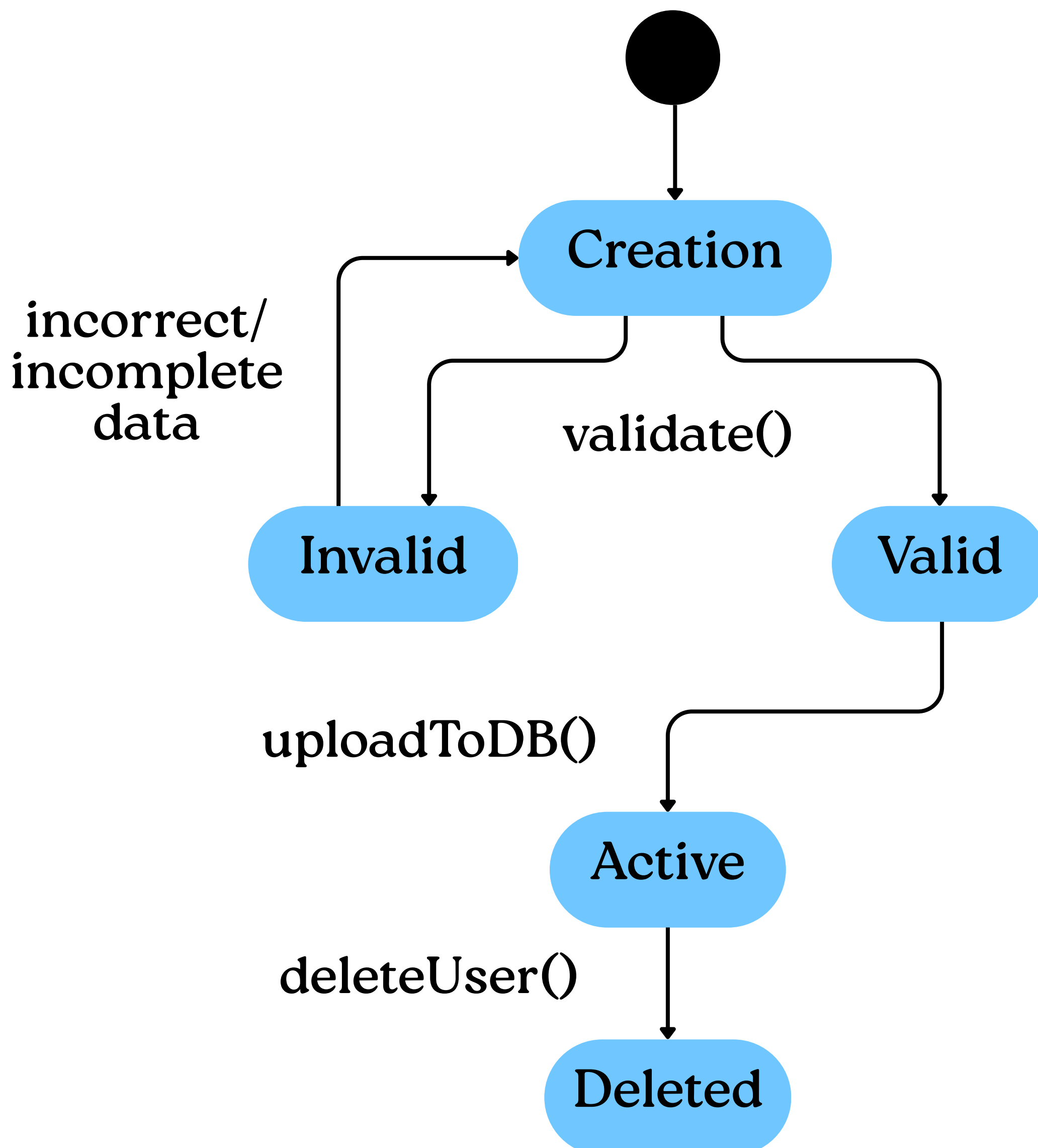
Logging in



Logging in

This activity diagram models the login process for different user roles (Admin, Teacher, Student). The user selects their role, enters credentials, and the system checks the database. If the credentials are incorrect or the user is not found, an error is shown. If correct, the user is successfully redirected to the Home page.

User creation and deletion



This state diagram shows the lifecycle of a User object (such as a student or teacher). A user starts in the Creation state. If the entered data is invalid or incomplete, the state transitions to Invalid and must be corrected. Once validated, the user moves to the Valid state, and after saving to the database, becomes Active. An active user can later be deleted, which transitions the object to the Deleted state.