

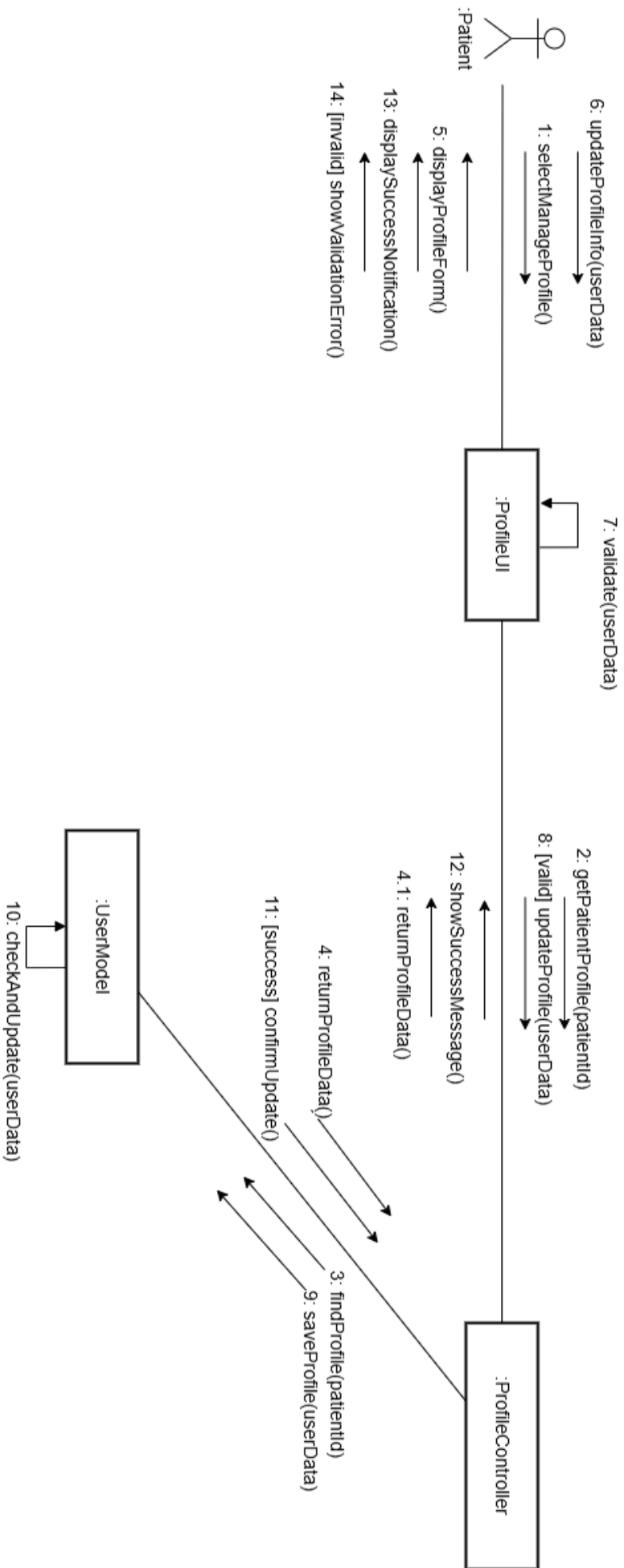
4.1.1. Register

[1]	Register
Actor	Unregistered Customer
Trigger	The actor selects the " Register " function on the main interface.
Description	This use case allows the actor to create an account by providing necessary personal information such as full name, email, password, phone number and address,...
Pre-Conditions	All fields must be filled in a correct format and email must be unique for everyone.
Post-Conditions	The actor successfully registers and can log into the system.
Main Flow	<ol style="list-style-type: none"> 1. The actor clicks the "Register" button on the homepage. 2. The actor enters personal details, including full name, email, phone number, date of birth, gender, password, address, and clicks "Register". 3. The system validates the provided information. 4. The system creates an account for the actor and redirects them to the main page.
Alternate Flow	None
Exception Flow	<ul style="list-style-type: none"> • 3.1. If the actor leaves any required fields empty, the system displays a message: "Please fill in all required fields!" • 3.2. If the email is in an invalid format, the system displays a corresponding format error message. • 3.3. If the email already exists in the system, the system displays an error message and asks the actor to enter a different email. • 3.4. If the password does not meet security requirements, the system prompts the actor to enter a valid password.

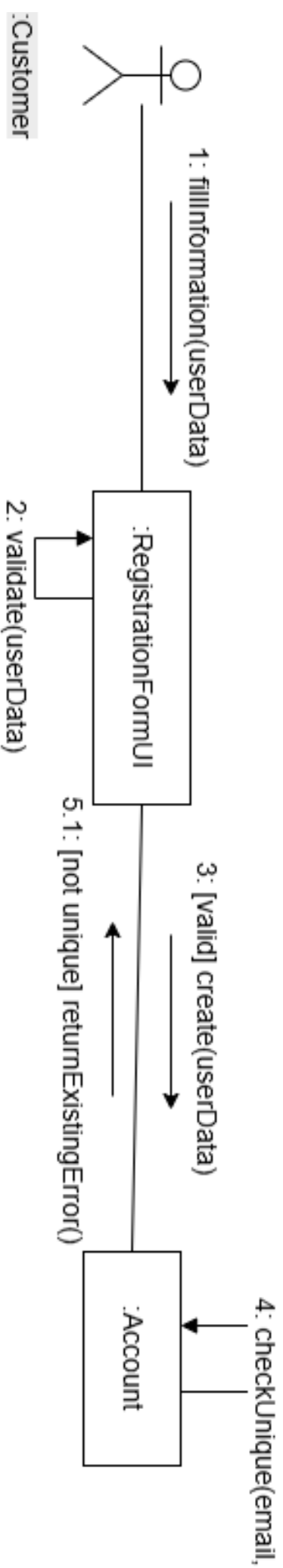
4.1.7. Manage Profile

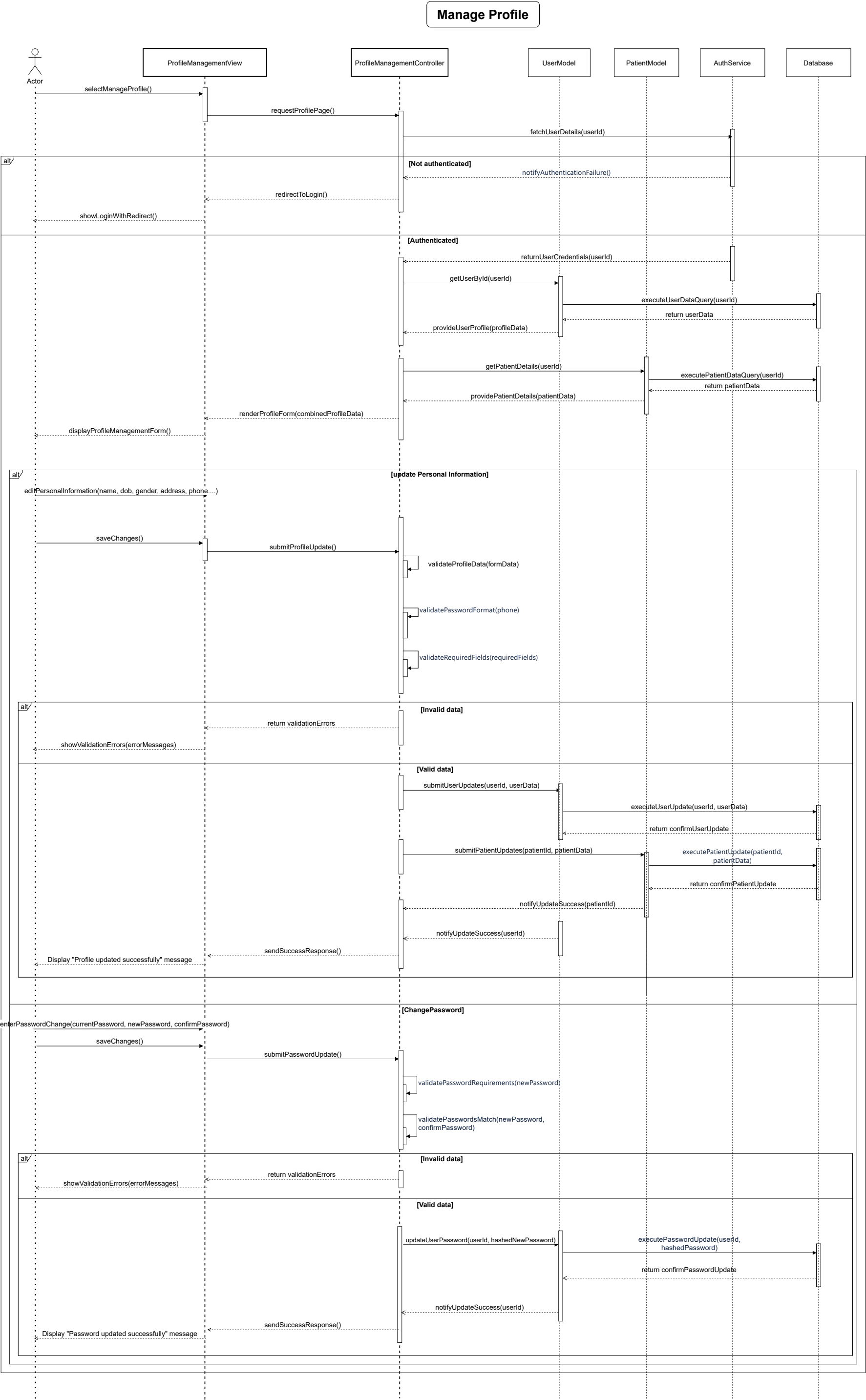
[7]	Manage Profile
Actor	Registered Patient
Trigger	The actor selects the " Manage Profile " function in the main interface
Description	<ul style="list-style-type: none">• This use case allows the actor to update personal information, including full name, date of birth, gender, address, phone number, email.• The actor can change the account password to ensure security.• The system checks and saves the new information to the database.
Pre-Conditions	The actor must login into the system
Post-Conditions	The actor's profile information has been successfully created, updated, or deleted, and the changes are saved in the system
Main Flow	<ol style="list-style-type: none">1. The actor selects the "Manage Profile" function.2. The actor can edit the personal information fields.3. The actor updates personal information fields and/or changes the password.4. The actor clicks the "Update" button.5. The system validates the input data and saves the updated information.6. The actor receives a successful update notification.
Alternate Flow	None
Exception Flow	<ul style="list-style-type: none">• 5.1. If the actor enters invalid information (e.g., incorrect password format, unmatched retyped password), the system displays an error message and asks for re-entry.

Manage Profile



Register





Manage Profile

