

project Pinterest

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introduction:

Pinterest is a visual discovery engine and social platform, designed to find and save information in the form of comment boards. It was the fastest site in history to reach 10 million visitors per month.

problems:

A problem if a student or designer is looking for ideas for his project, and the problem of the quality of images is unclear or old, if someone is looking for interests or hobbies, some sites need a subscription to learn about new ideas, products or recipes.

Background:

Pinterest was founded in January 2010 San Francisco and is ranked the world's fourteenth largest platform as of January 2023

Products:

-save -share and shop Pins -Thoughts of his discovery - View your profile

proposed solution:

Pinterest solves the problem of providing a visual and organized platform for users to discover, save, and curate content related to their interests and passions. It eliminates the need to subscribe to numerous magazines or websites to gain exposure to new ideas, products or recipes. We will find exclusive models and images of great quality for design or university and non-university topics, and they will be new, unlike Google.

Write the FR perfectly:

- 1- After creating account system shall allow user to see different trends
- 2- The system shall allow user to jump into home page when click on logo.
- 3- The system shall allow user to search whatever he/she wants to search
- 4- The system shall allow user to jump on the search page by clicking it.
- 5- The system shall allow user to visit particular page
- 6- The system shall allow user to share the pins that he/she likes.
- 7- The system shall allow to sign in once and not need to sign in again and again.
- 8- The system shall allow user to see trending items, images and videos on update section.

Write the NFR perfectly:

- 1- Our system must be compliance with the government rules and regulations.
- 2- Our system must have capacity to deal with more than 3000 users.
- 3- Our system must have ability to recover the lost data.
- 4- Our system must be easy to use with shortcut keys

Work plan:

Waterfall methodology

The first stage: Analysis In this stage, we will collect the project requirements and objectives. We will collect and analyze data. We will use this information to prepare a technical report that specifies the project requirements.

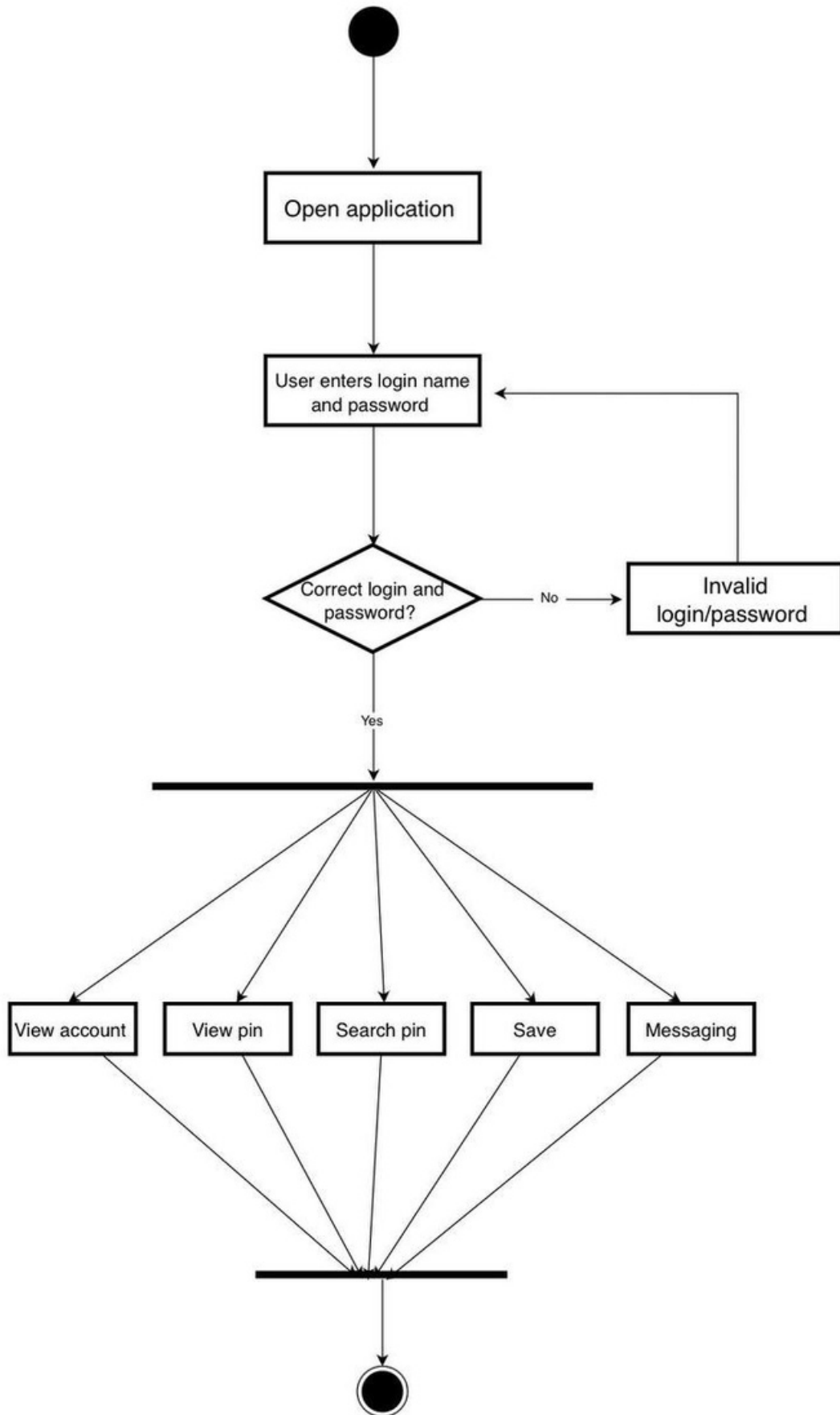
The second stage: Design based on the system requirements. We will design the system. This will include creating diagrams and models for the system and determining the system components and the user interface.

The third stage: Implementation In this stage, we will begin writing the software code for the Pinterest system, and we will also test the individual units of the system to ensure that they work correctly. If they work successfully, they will be integrated to create a complete system.

Fourth stage: Testing In this stage we will test the system extensively to ensure that the system is working properly and we will fix the errors that are found.

Fifth stage: Deployment Once the system has been successfully tested and confirmed, it will be published to the public, and a technical support team will be available to users.

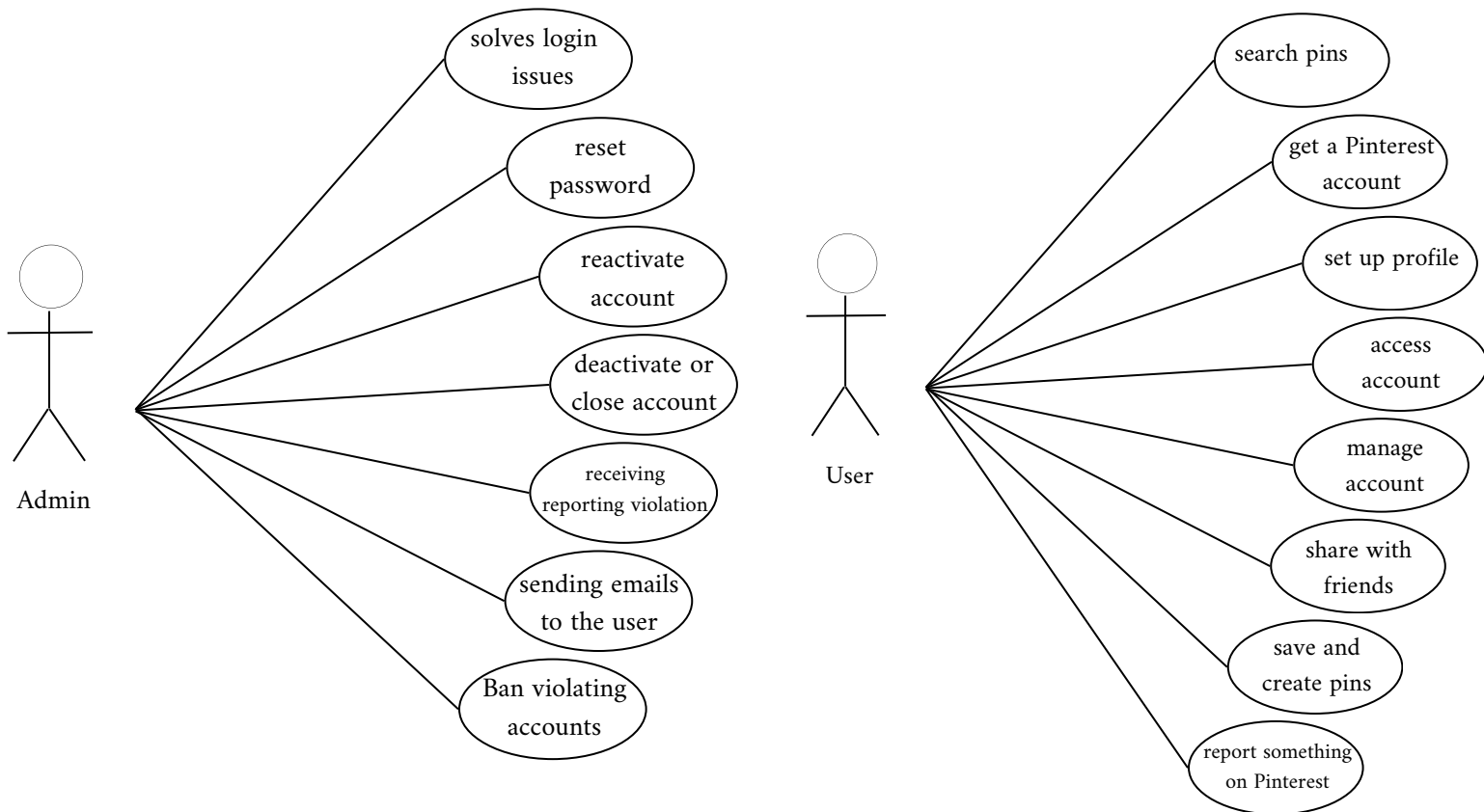
Activity diagram:

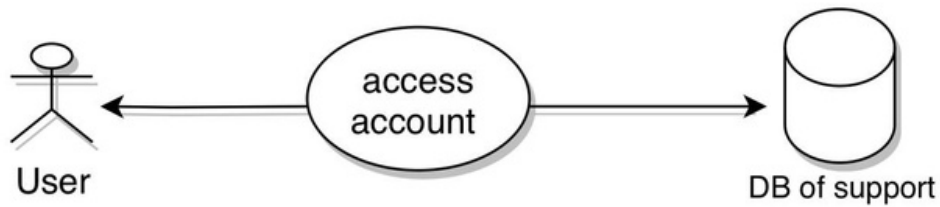


Project Use Case

Modelling:

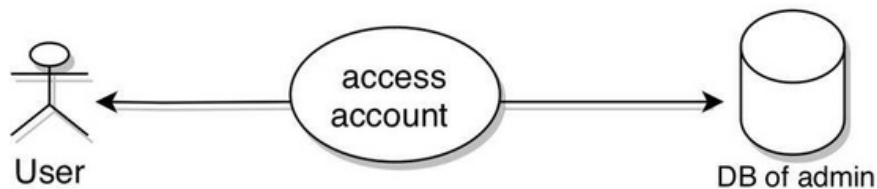
Actors	Roles
User	<ul style="list-style-type: none">-search pins-set up profile-access account-manage account-save and creat pins-share with friends-report something on Pinterest
Support/Admin	<ul style="list-style-type: none">-solves login issues-reset password-reactivate account-deactivate or close account-receiving reporting violation-sending emails to the user-ban violating accounts





User: access account

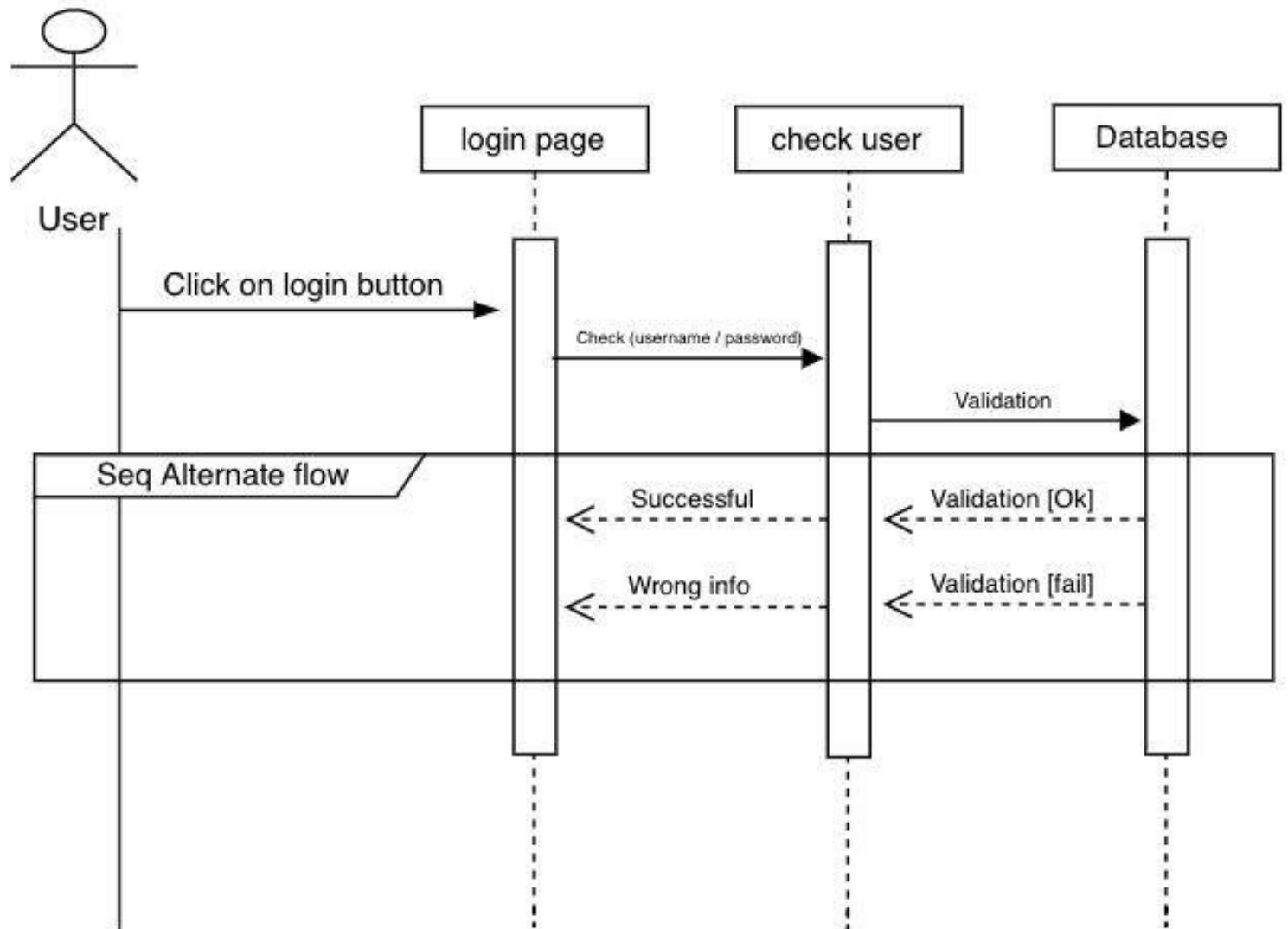
Actors	User and the DB Of support.
Description	This shows the method between the user who wants to access his personal account and the DB of support
Data	User email and password.
Stimulus	Click on the log in button.
Response	The user has successfully accessed his personal account.
Comments	If you forgot your password, you can click on the “forget your password” button, and support will contact you via email to reset your new password.



Admin:Deactivate account

Actors	Admin and user.
Description	This shows the interaction between the admin and the user who wants to deactivate the account.
Data	The admin requests a reason to deactivate the account.
Stimulus	Click on the deactivate account button in account management.
Response	The admin finally deactivate the user account.
Comments	After 14 days from the date your account is closed, your account will be permanently deleted and your username and email address will no longer be associated with your account.

Sequence Diagrams:



Class Diagram:

