Group 5

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Github : https://github.com/Rendyfranzz/Study-Case-Chapter-1

Functional Requirements:

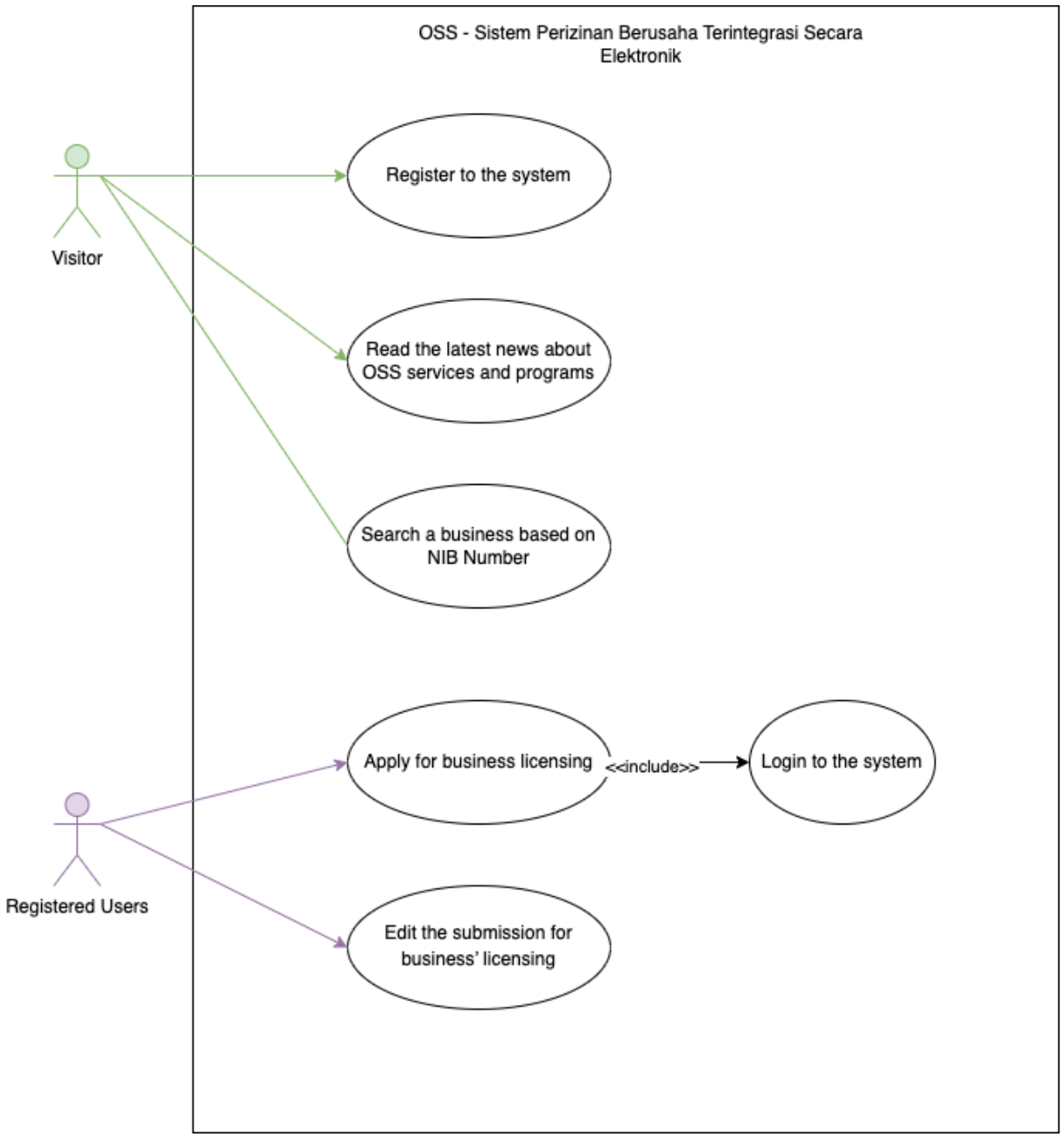
- User registration and login: The website should have a user registration and login system to allow users to interact with its limited features.
- Editing the submission: The website should allow users to edit their previous submission for their business' licensing
- News and updates: The website should provide users with the latest news and updates about OSS services and programs, as well as other relevant information about government policies and regulations.
- Search function: The website should have a search function that allows users to find information about various businesses regarding their NIB number
- Online application: The website should allow users to apply for licensing allocated for their small scale business or middle to large scale business

Non-Functional Requirements:

- The system should always be available for access by users. The OSS's uptime should always be greater than its downtime.
- The system shall be developed with the codebase that follow the programming standard
- The system shall be available in any type of browser
- The system should encrypt all user authentication data.
- The system shall be documented in a way that is easy to understand

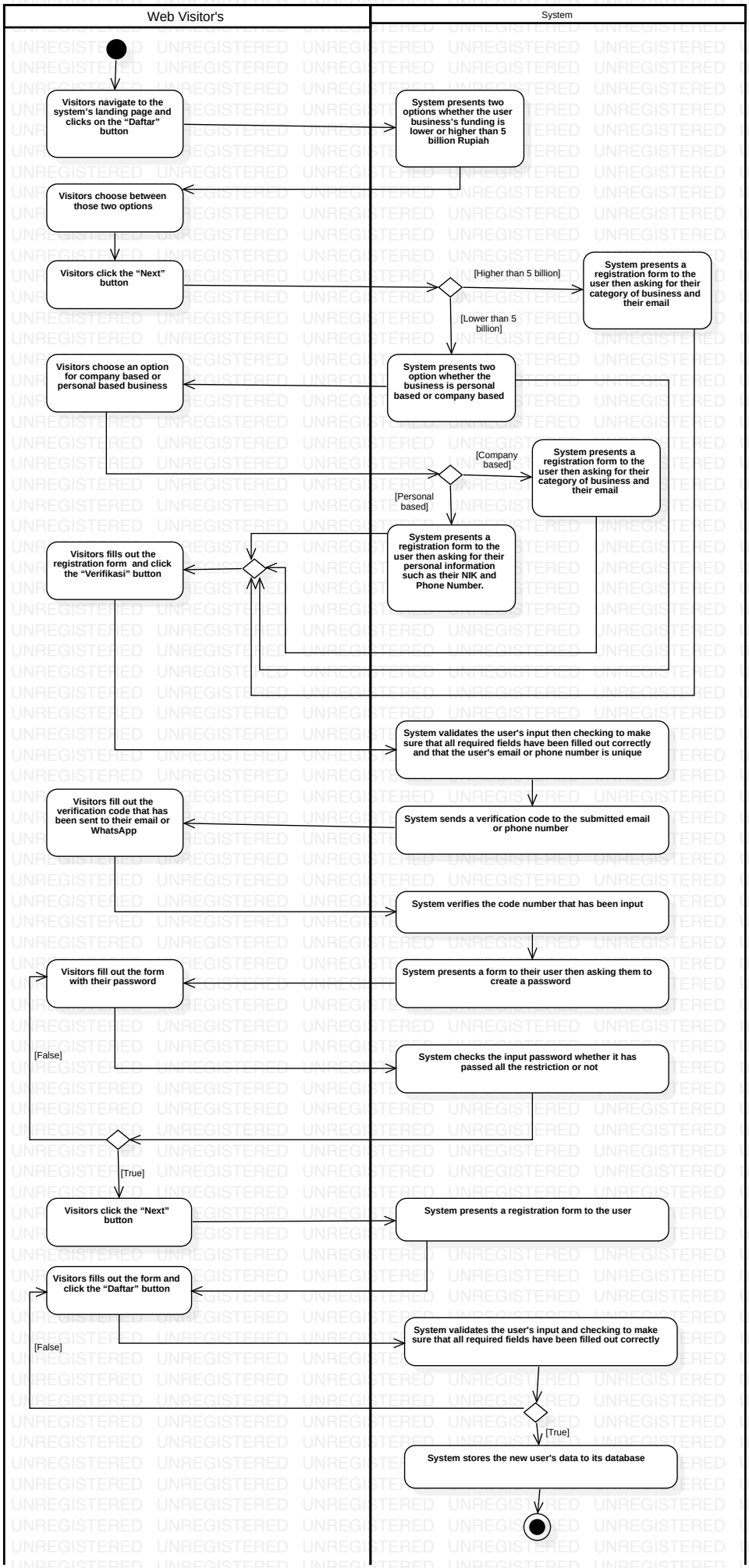
User Story:

- As a visitor of the web, I want to get the latest update and news regarding the OSS's services, so that I know what has been updated recently
- As a visitor of the web, I want to be able to search one's business with their NIB number, so that I could get the detailed information of one's business I would like to know
- As a business actor, I want to apply for a business's licensing, so that I could get my business approved by the Indonesia's government
- As a business actor, I want to be able to edit my past proposals for my business, so that I could update it when there is any changes made to my business
- As a visitor of the web, I want to be able to register to the system, so that I could make a submission or proposal if I were to build a business later in the future

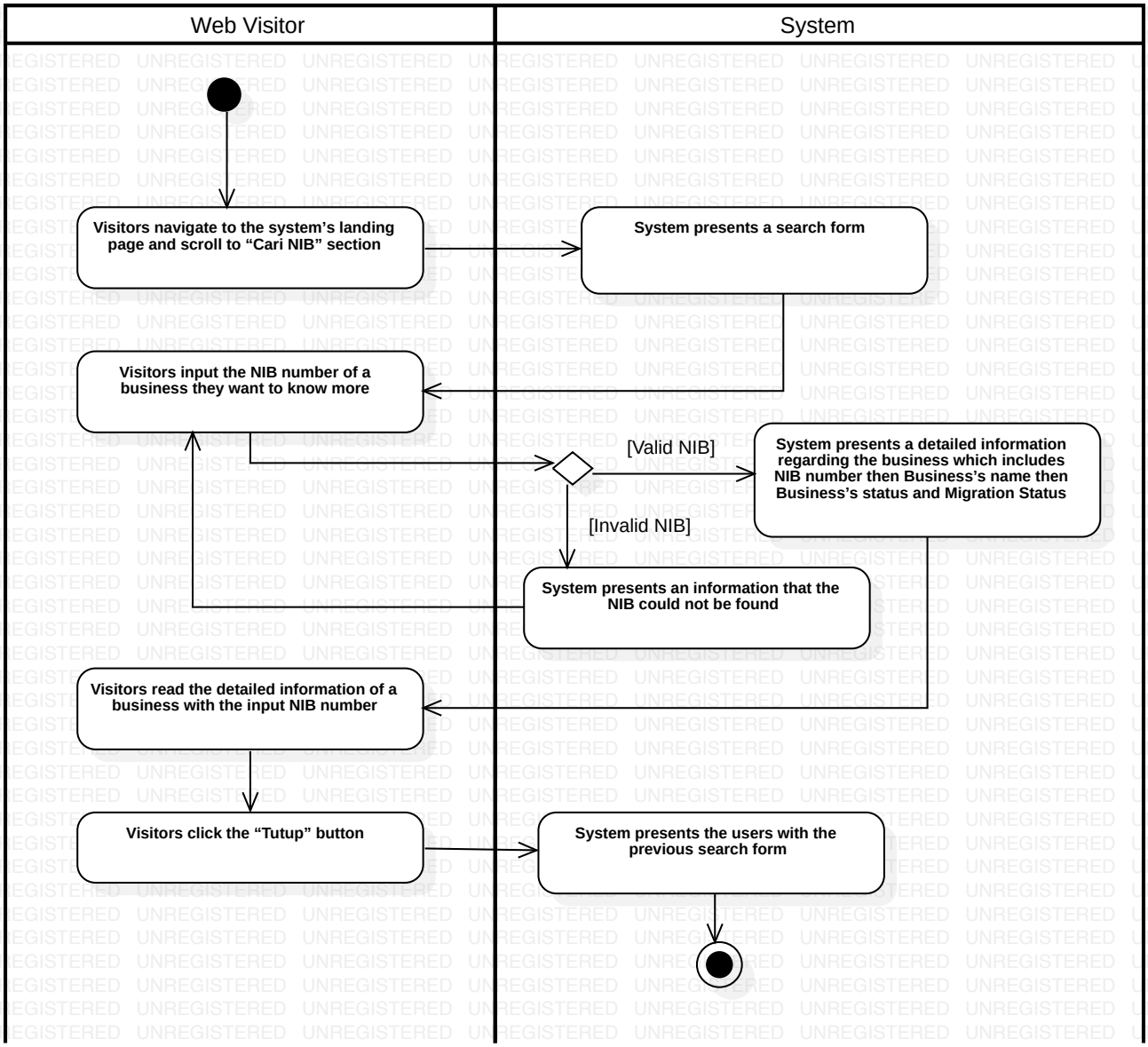


Big O explanation:
because the amount data has no effect at all the performance of the function and time always constant so the function is in O(1)

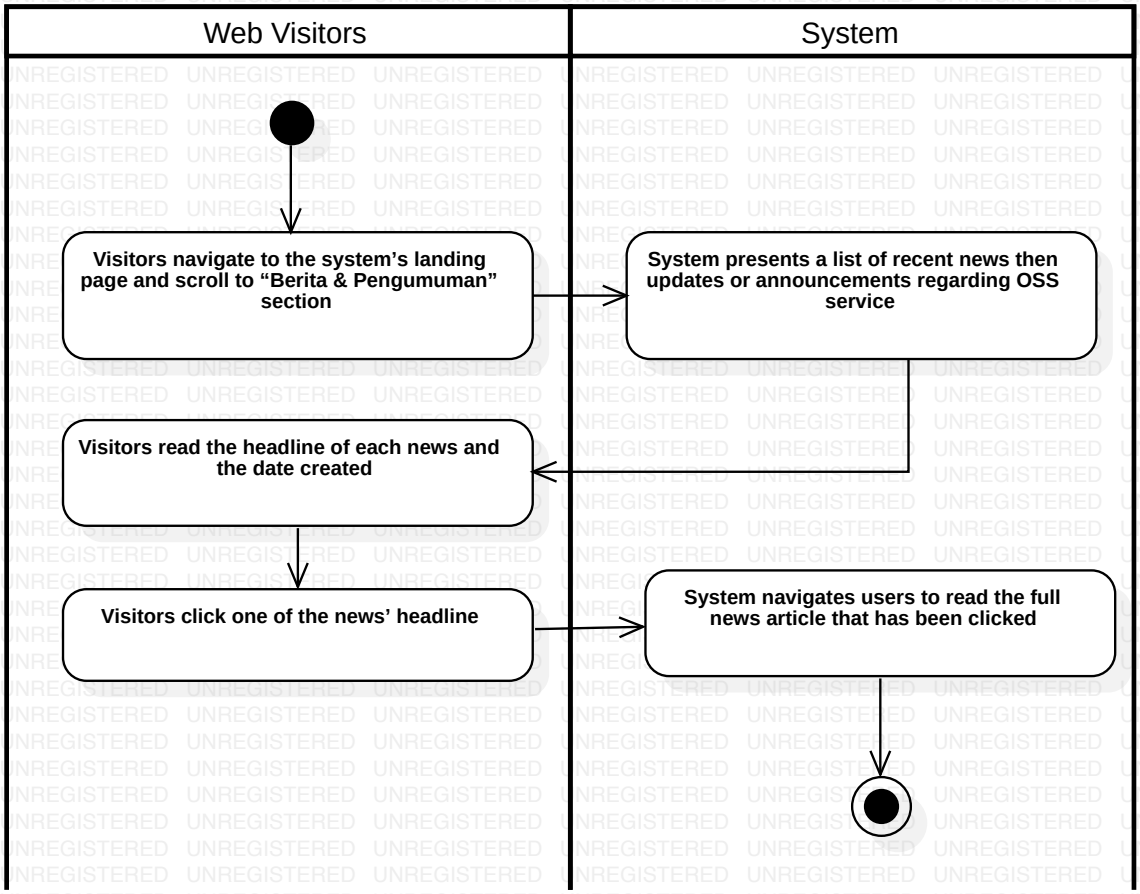
Activity1::Use Case 1 - Register to the system



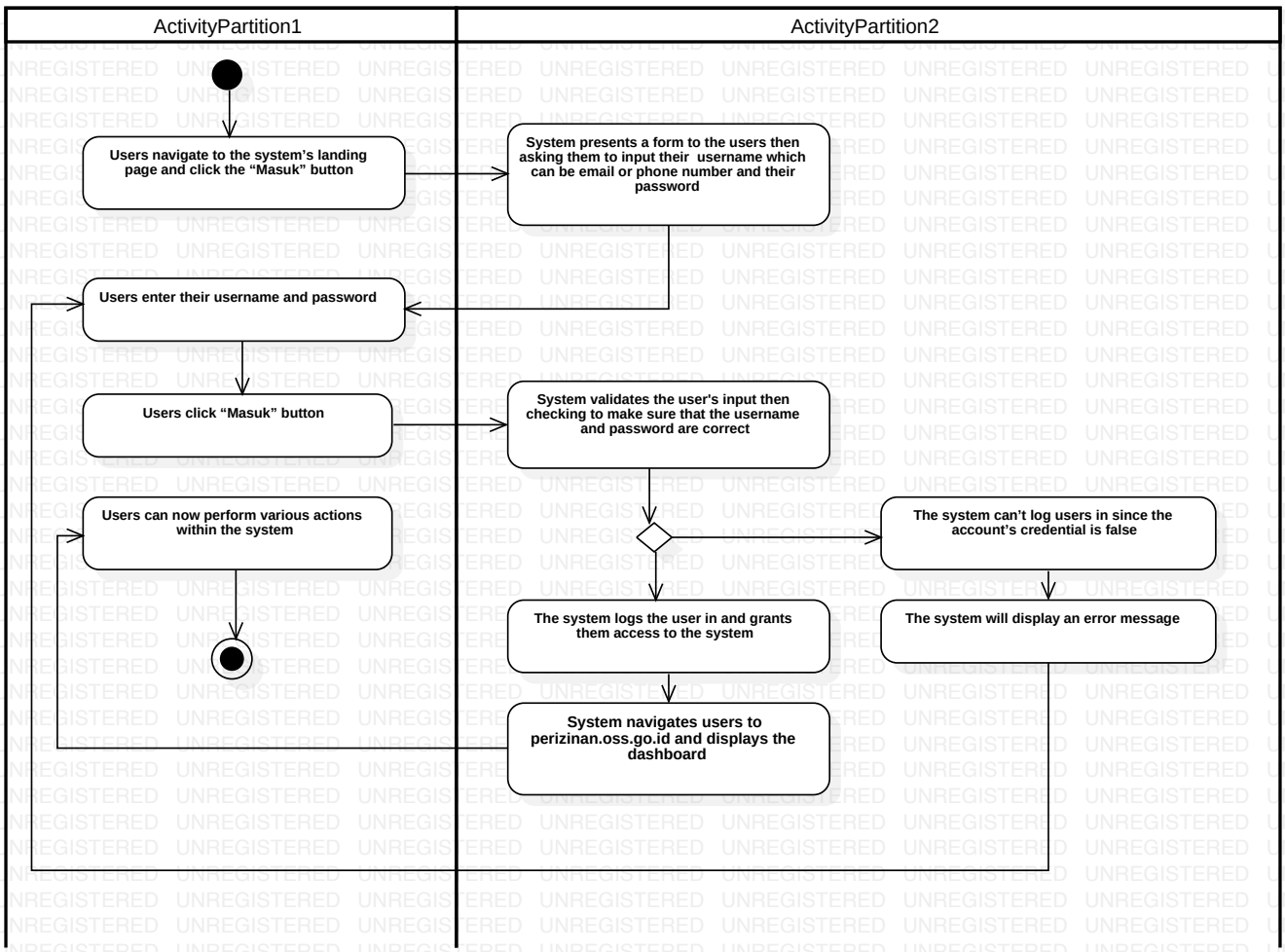
Activity1::Use Case 2 - Search a business based on NIB number



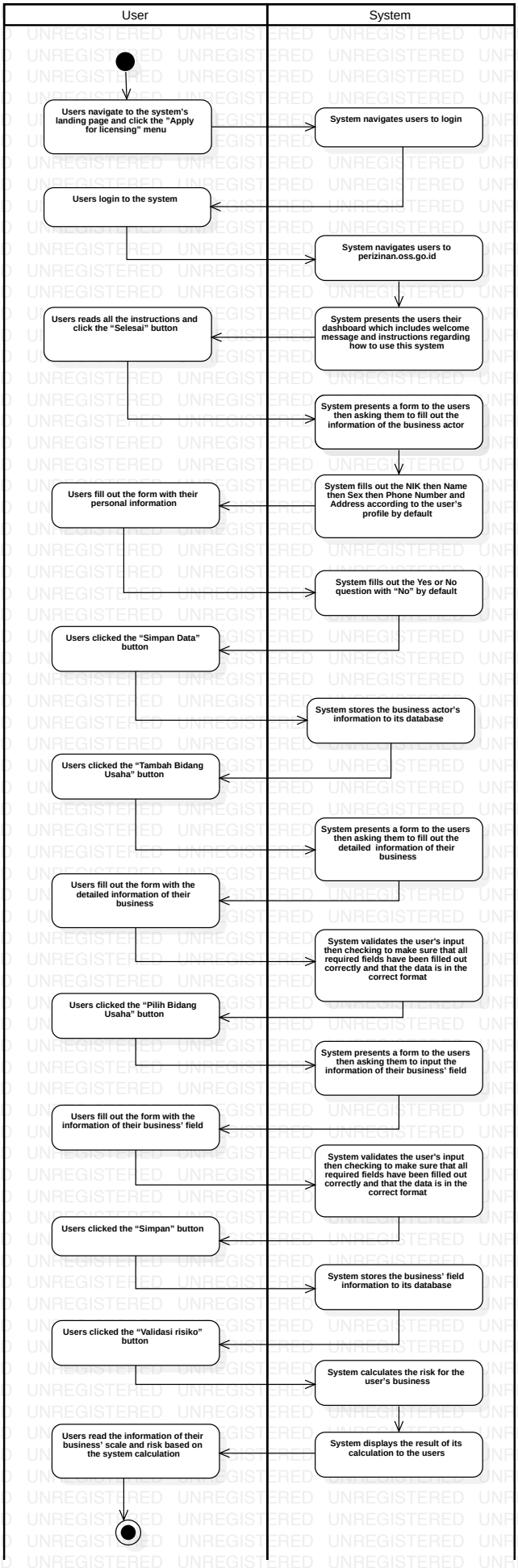
Activity1::Use Case 3 - Read the latest news about OSS services and programs



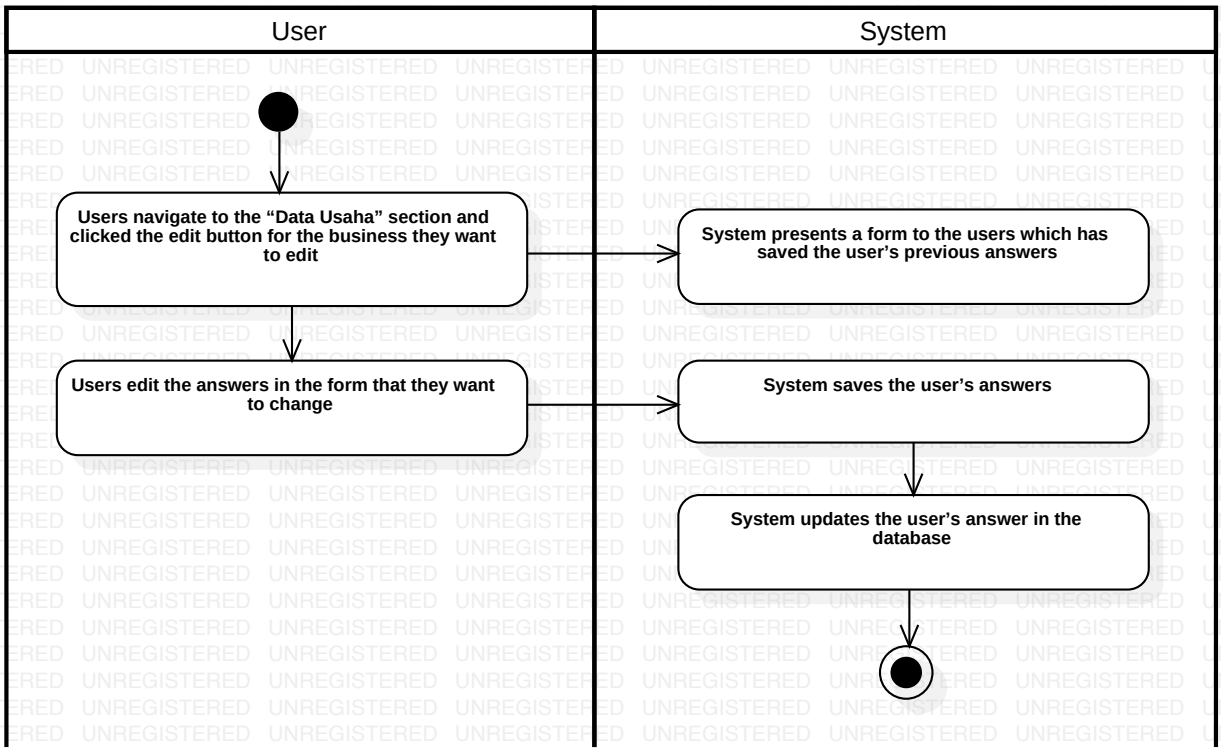
Activity1::Use Case 4 - Login to the system



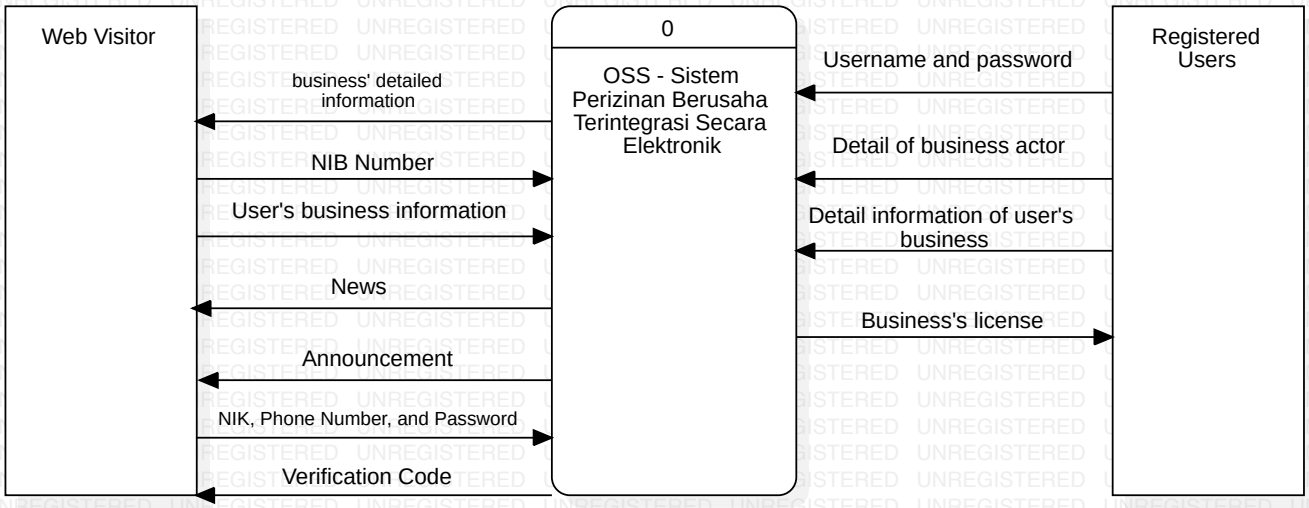
Activity1::Use Case 5 - Apply for business licensing



Activity1::Use Case 6 - Edit the submission for business' licensing



DataFlowModel1::DFDDiagram1 - Context Diagram



DataFlowModel2::DFDDiagram1 - Level 0