OVERVIEW OF SYSTEM'S FUNCTIONAL REQUIREMENT

The system would enable the national service personnel to easily fill forms online and submit to the national service administration.
The system should enable national service personnel to fill the national service assessment form in order for the supervisor to endorse the filled forms.
The system should enable the national service personnel to submit the forms online.
The system would allow the supervisors to authenticate and endorse the forms.
The System would allow the supervisors to send the endorsed from back to the National Service Personnel.
The System would allow the National Service Administration to receive the endorsed form.
The System would also allow the National Service Administration to verify and authenticate the forms.

 Primary actor: Service personnel
 Secondary actors: Supervisors, National Service Administration

service personnel-filling of forms and submitting.
Supervisor - Verification
National Service Administration- Authentication and endorsement

USER STORY
Service personnel's role
Using the system , submission will be done at a minimal cost and less time consumption
also in relation to the forms filling, there will be easy access and proper maintenance of
the forms since its not a hard copy to get damaged but rather online based.

Supervisor's role
The supervisor assess the service personnel with the forms provided and sums up to give an overall assessment and endorsement at the end of the month. The Supervisor uses a high-end security system to endorse the forms. The endorsed form is sent back to the National Service Personnel to submit to the National Service Office.

National Service Administration
The Administration of the National Service headquarters on receiving the submitted forms verifies and endorses the forms and finally issue payment.

PRE CONDITIONS(Service personnel)
The national service personnel must log onto the system

POST CONDITION
Sever must generate an indication of forms being sent

PRE-CONDITION (Supervisor)
The Supervisor would have to endorse the forms using a high-end security system.

PRE CONDITION (administration of NSS)
Verification and endorsement

POST CONDITION
The administration ensures that each employees monthly allowance is sent to them after confirmation and verification form supervisors .

COMPLEX USER STORY
-The high-end security system would be quite complex and will later be broken down.

NON-FUNCTIONAL REQUIREMENT
- The system should be reliable unless it's under maintenance
- Digital signature ensures the data is not tempered during transfer of forms to the administration
- Access control measures so that it can be accessed by only specific people

Glossary
Precondition is a condition that should be satisfied before the operation can be performed.

Post condition is a condition that should be satisfied after the operation has been performed.

Actor in the Unified Modeling Language (UML) "specifies a role played by a user or any other system that interacts with the subject."[1]

A user story is an informal, natural language description of one or more features of a software system. A user story is a tool used in Agile software development to capture a description of a software feature from an end-user perspective. A user story describes the type of user, what they want and why. A user story helps to create a simplified description of a requirement.

https://www.quora.com/What-are-some-examples-of-pre-and-postconditions-in-computer-programming

https://en.m.wikipedia.org/wiki/Actor_(UML)

https://www.visual-paradigm.com/guide/agile-software-development/what-is-user-story/
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System

Login

Fill Forms

Endorsed Forms

Return Forms

NSS PESONNEL

Supervisor

Actor