Tanta University

Computer and Control Department

Faculty of Engineering

Software Requirement Specification Document for Project Blog

(S.R.S)

TEAM Siki Miki

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1. Introduction

The introduction will provide a brief overview of the SRS and the blog.

1.1 Purpose

The purpose of “Blog” – Publishing meaningful content in various fields like programming and mathematics, referred to as “the blog” for brevity, is to have an online platform to which the blog author can share the documentation of their blog, discuss different ideas through comments, and to provide a way for blog visitors to communicate with the author for inquiries.

1.2 Product Scope

The requirements description should assist the intended users in expressing their needs. As a result, system users must be able to comprehend the requirements. The formulation of needs, on the other hand, aids system development by providing measurable demands. It reduces the amount of design options. As a result, the specification must be clear to developers, and the requirements must be written in such a way that they can be assessed for compliance.

2. Overall Description

2.1 Product Functions

Users will be able to leave comments, and if the plan is basic, he will be allowed to publish twice a month. Users and administrators of the system will be able to search for anything and add comments. The system administrator will be able to add, amend, and remove posts, as well as view statistics and pages, and pin post.

2.2 Constraints

The software is limited by the shared internet connection, which needs to be stable. Also, the database's capacity, so it should have a lot of open space.

2.3 Assumptions

- **Assumptions:**

a) back-end:

The backend code of the blog will be developed and maintained using the C# asp.net framework. And the database is seq server.

b) Front-end:

Bootstrap framework will be utilized for the styling and dynamic features of the website for it to be more responsive with HTML and CSS.

3. System features and requirements

3.1 Functional requirements

The primary functional requirements of the blog, which are based on the user needs, are as follows:

a) Manage post with admin and which contain create, delete, edit, pin post, also sitting and search

b) And the user is a branch of the basic user and the primum, the basic user can add comment and search, and premium user can create post a twice month.

3.2 Non- Functional requirements

3.2.1 security Requirements

The system must handle secure login and logout for users via session and hashing technology should be employed to do so.

3.2.2 Reliability

This application should be dependable and catch exceptions so that unfore-seen consequences such as system crashes or data validation failures do not occur.

3.2.3 Usability

A user-friendly interface should be included in the system.

4. System Design

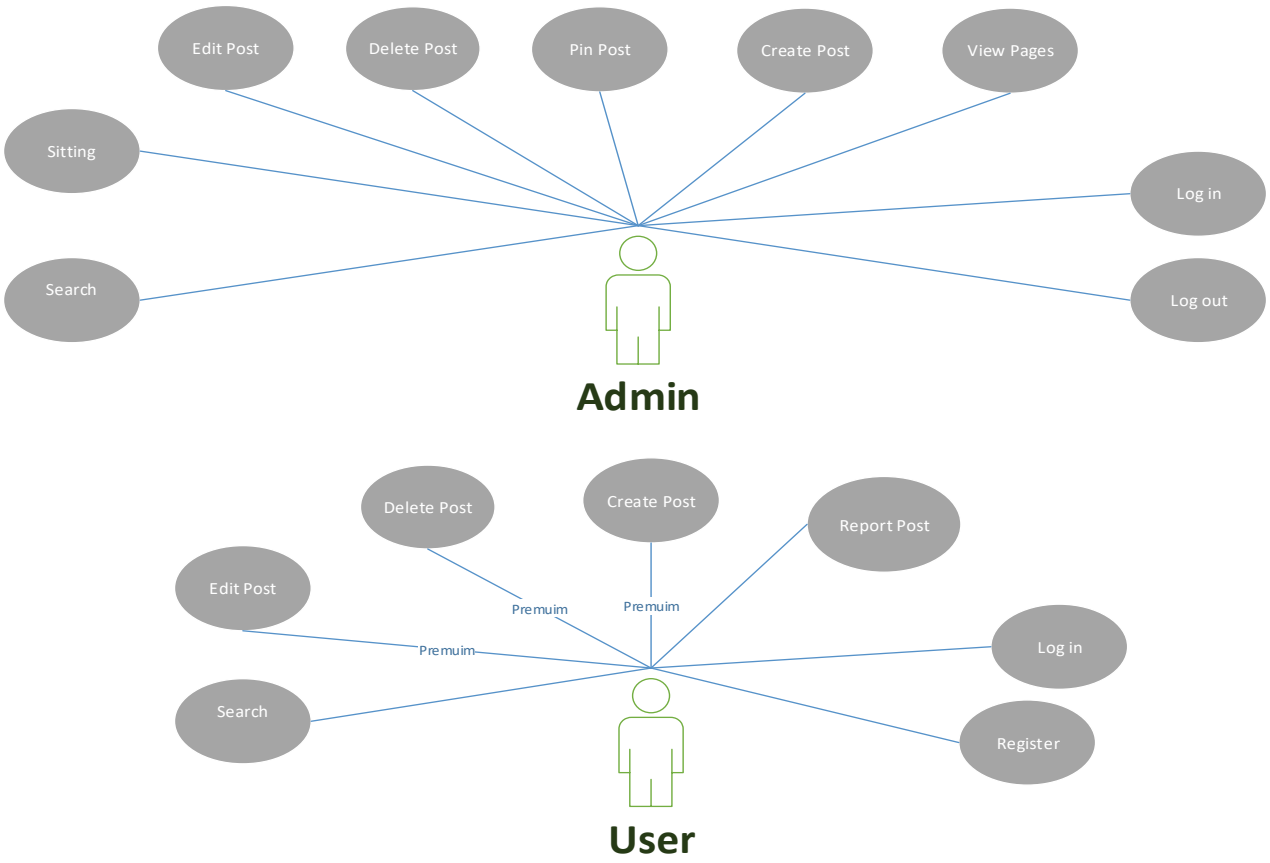
Member needs in project

- **Author: Also called 'admin' or user premium.**
- **Visitor: Also called user-basic or reader refers to any person who visits.**

- The visitor should be able to view difficulty, regardless of the browser or device they are using.

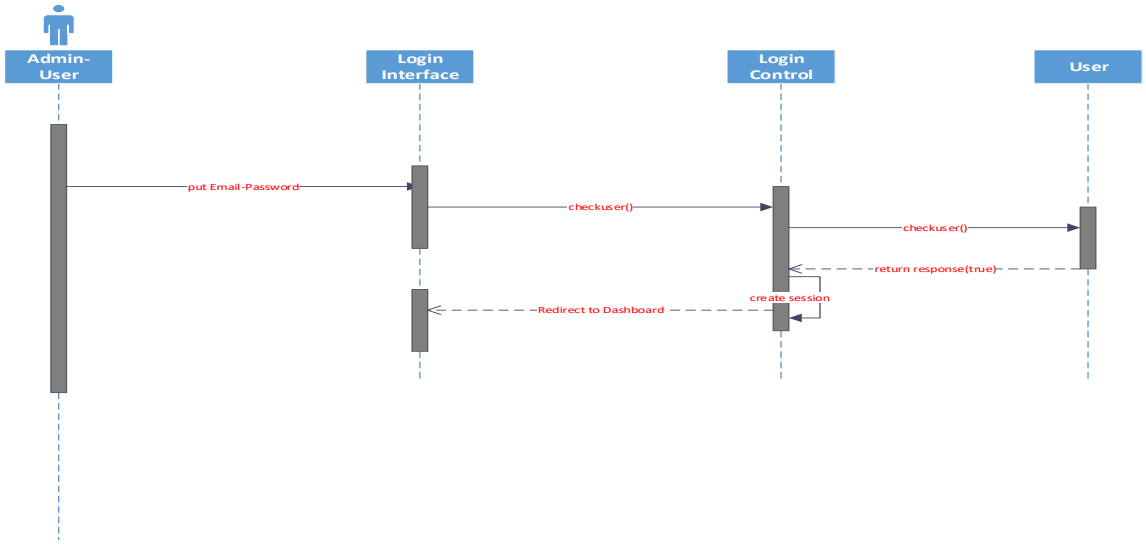
- The visitor should be able to contact the author for questions or comments.

4.1 Over View With Flow diagram of Blog



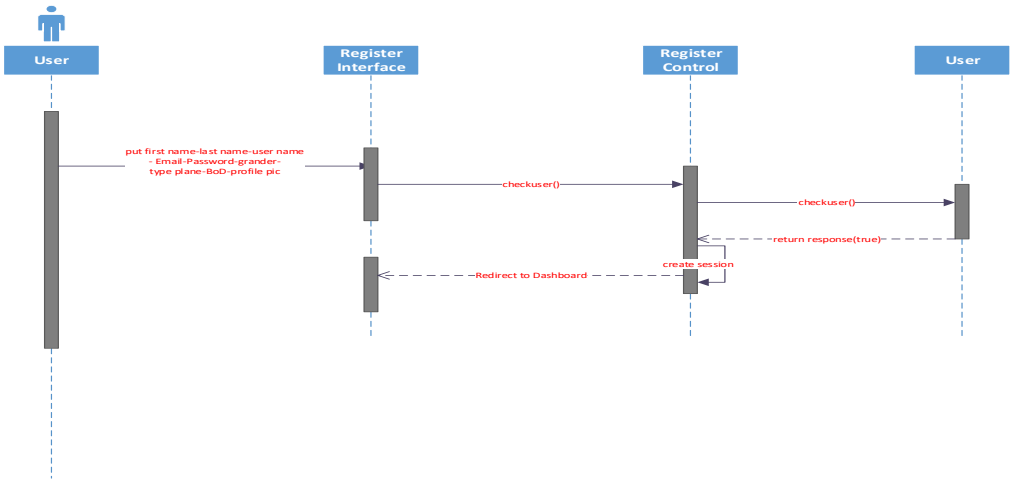
4.2 LOGIN for User-Admin

4.2.1 UML Sequence Diagram of login

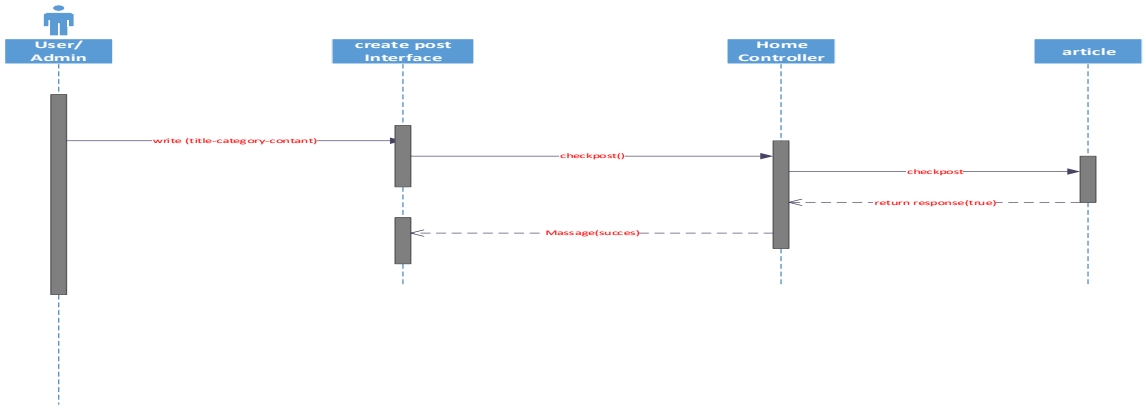


4.3 Register for User-Admin

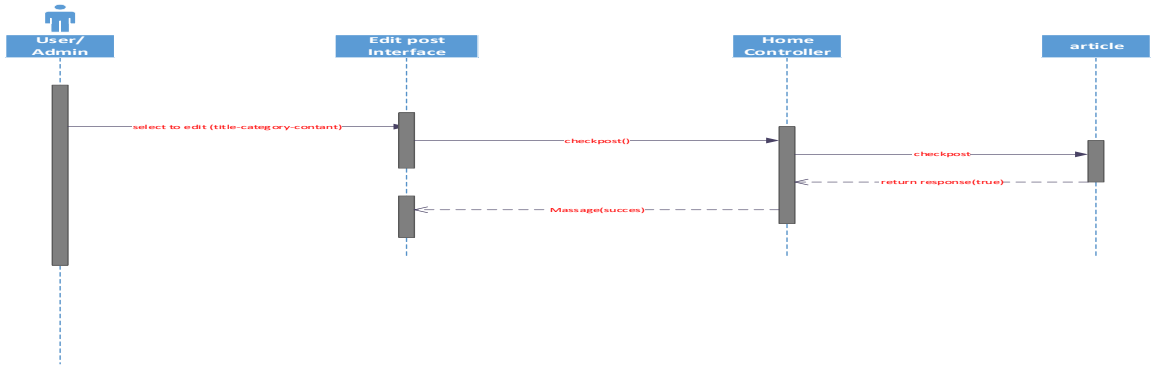
4.3.1 UML Sequence Diagram of register



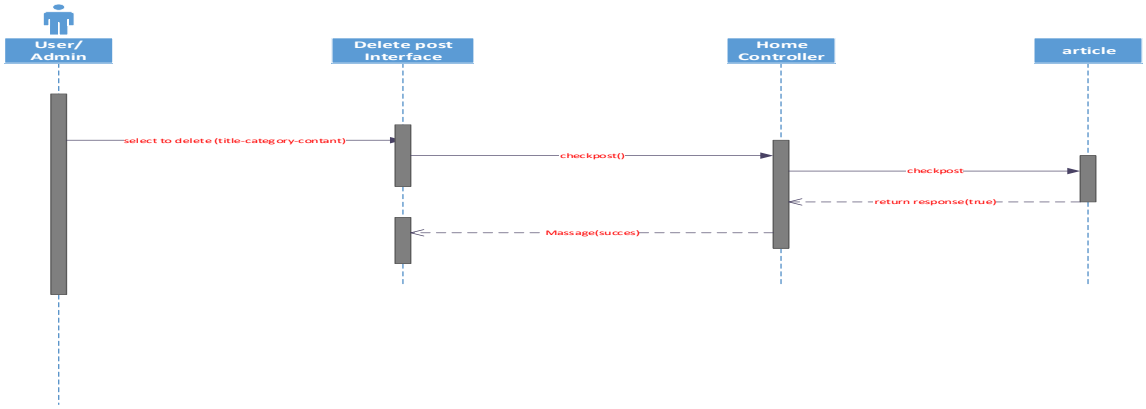
4.3.1.1 create post sequence diagram



4.3.1.2 Edit post sequence diagram

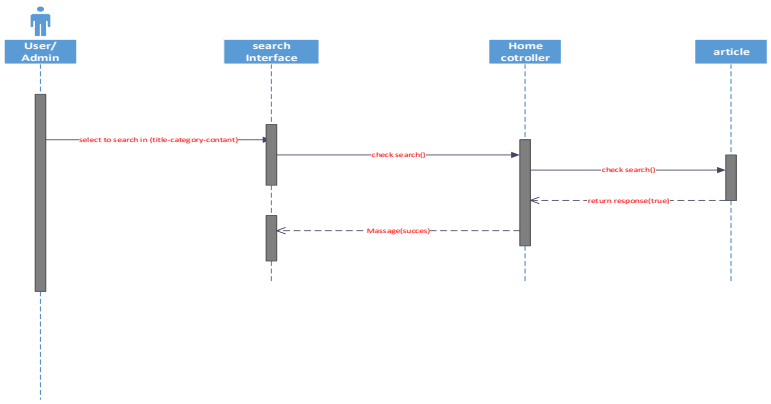


4.3.1.3 Delete post sequence diagram



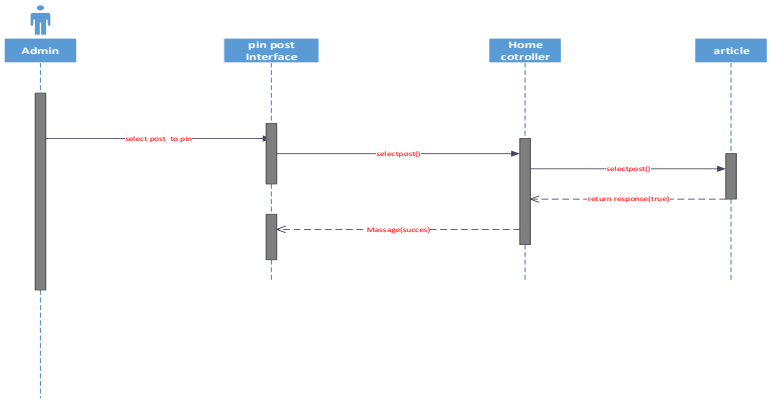
1.1 Search

1.2 search sequence diagram



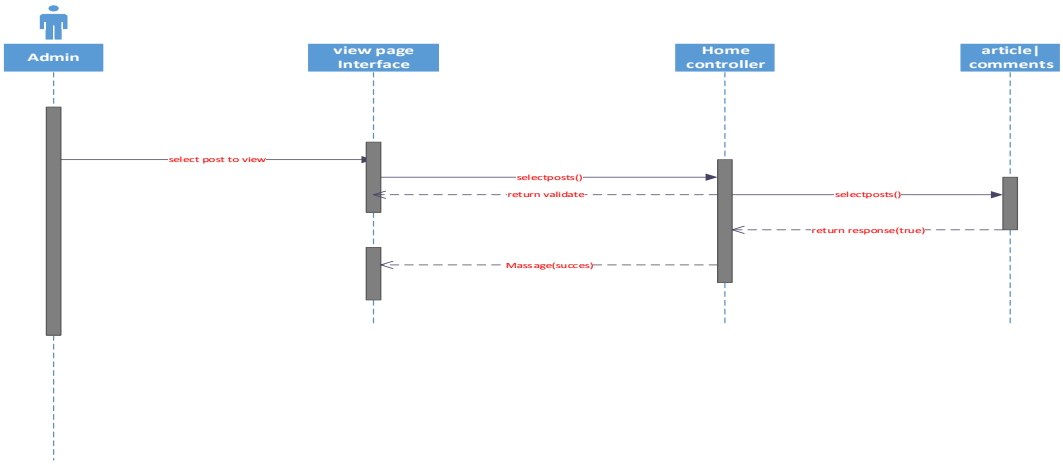
1.3 Pin post

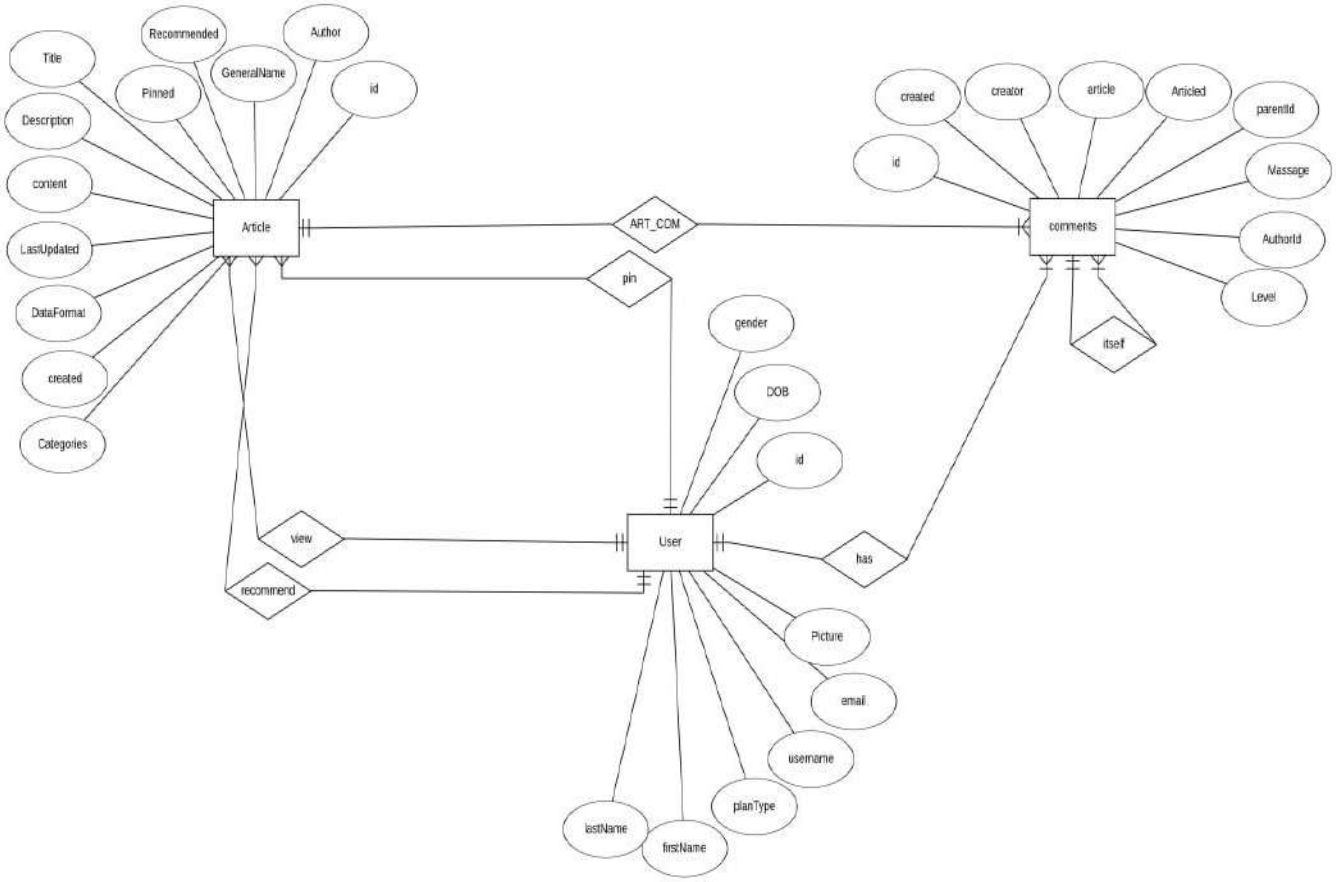
1.4 Pin post sequence diagram



1.5 view page

1.6 view page sequence diagram

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created
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view
recommend
has
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username
planType
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firstName