<Project NAME>

To put in a client name select all (ctrl A) then f9Nash Tech Software Development

**Detailed Design**

**Version 1.0**

**7thMay, 2010**

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**APPROVERS**

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# INTRODUCTION

## Purpose

The purpose of the Detailed Design Document is to define the detailed design for all components of the website.

## Scope

This website allows user to post a topic for others to discuss about.

## Definitions, Acronyms and Abbreviations

|  |  |
| --- | --- |
| **Acronym** | **Reference** |
|  |  |
|  |  |
|  |  |

## References

[This subsection should provide a complete list of all documents referenced elsewhere in the Document. Each document should be identified by title, report number (if applicable), date, and publishing organisation. Specify the sources from which the references can be obtained. This information may be provided by reference to an appendix or to another document.]

## Overview

This DDD is organized as follow :

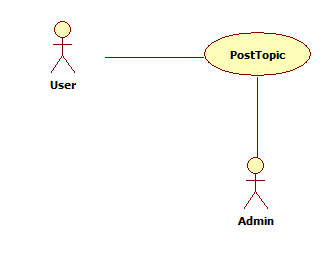
* Section 2.1 is summary of this use case
* Section 2.2 is class diagram of this use case
* Section 2.3 is use case diagram of this use case
* Section 2.4 is activity diagram of this use case
* Section 2.5 is sequence diagram of this use case
* Section 2.6 is class diagram of this use case
* Section 2.7 is classes summary of this use case

# DESIGN SEPECIFICATION FOR <POST TOPIC USE CASE>

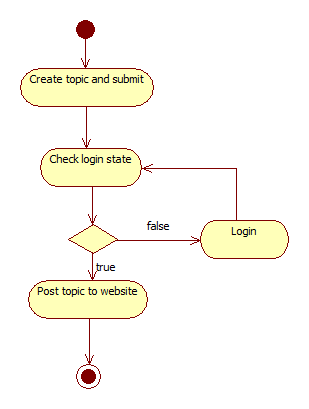
## Summary

This use case describes how the user posts a topic to website.

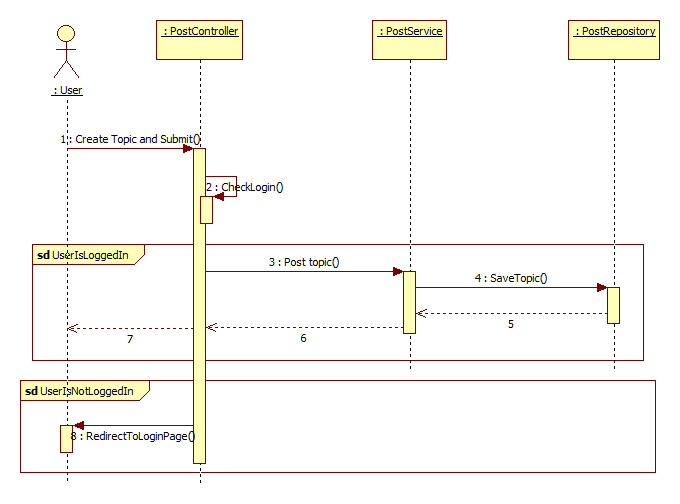
## Use case diagram



## Activity Diagram



## Sequence Diagram



## Screens Design

### Screen XYZ

[Description the purpose of the screen as to ensure the client and developer agrees on its functionality.]

[include screen shot here]

**Security Group**: [List the security groups that may use the screen]

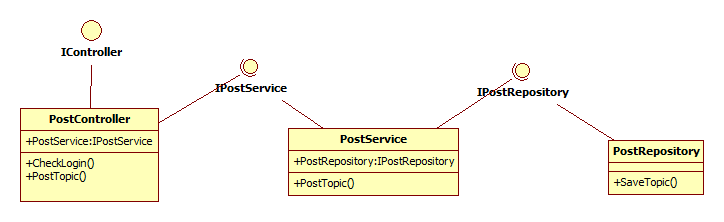
[Describe each field on the screen and how it is derived]

|  |  |  |
| --- | --- | --- |
| No | Data | Data Description |
| 01 | Data XYZ |  |
|  |  |  |

[Describe each action that can be performed from this screen. This usually involves command buttons, menu items, etc.]

|  |  |  |
| --- | --- | --- |
| No | Actions | Action Description |
| 01 | Action XYZ |  |
|  |  |  |

## Class Diagram



## Class Specification (s)

### Classes Summary

To be defined

### Class Details

To be defined

#### **Class PostController**

#### **Attributes**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Attribute | Type | Default | Note | Description |
| 01 | PostService |  |  | Public | Implement IPostService which have method to save topic to database |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

#### **Methods**

|  |  |  |
| --- | --- | --- |
| No | Method | Description |
| 01 | CheckLogin | Check if a user is logged in to website. If user is not logged in, he will be redirected to login page |
| 02 | PostTopic | Call PostService() to save topic |
|  |  |  |

#### **[XXX] Method**

|  |  |
| --- | --- |
| **Declaration** | |
| **Method Declaration** |  |
| **Description** |  |
| **Overrides** | |
| Not Applicable. | |
| **Parameter** | |
| **Name** | **Type** |
|  |  |
|  |  |
|  |  |
| **Return Type** | |
|  | |
| **Throws** | |
|  | |

##### Implementation

[How to implement the method, it can be in pseudo code or activity diagram or just words]

#### **Class PostService**

#### **Attributes**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Attribute | Type | Default | Note | Description |
| 01 | PostRepository |  |  | Public | Implement IPostRepository which have method to save topic to database |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

#### **Methods**

|  |  |  |
| --- | --- | --- |
| No | Method | Description |
| 02 | PostTopic | Call PostRepository() to save topic |
|  |  |  |
|  |  |  |

#### **Class PostRepository**

#### **Attributes**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Attribute | Type | Default | Note | Description |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

#### **Methods**

|  |  |  |
| --- | --- | --- |
| No | Method | Description |
| 02 | SaveTopic | Save topic to database |
|  |  |  |
|  |  |  |