Class: Object-oriented Analysis and Design Fall 2014 @ KMITL

Project : KMITL-simple-event-bulletins-board

Team : My-name-is-TOM

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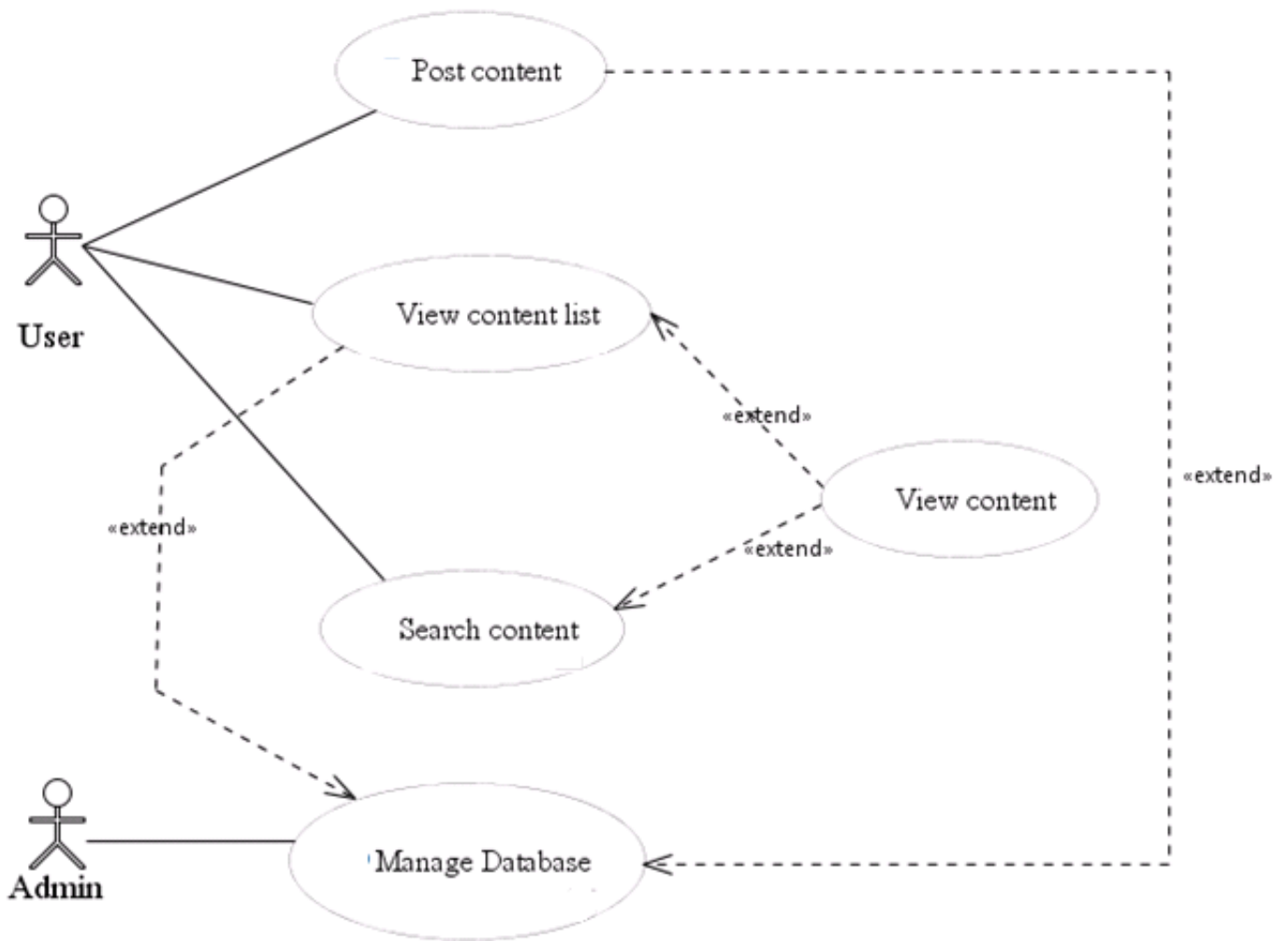55010895   เพิ่มพล กุรัง

Requirement

Functional requirements

- Identify Users

- User can post KMITL's event

- Automatically delete out of date event

- Admin user can manage database both announcements and user

- Search event from keyword

Non-functional requirements

- Responsive web page

- Easy for administrator user to control whole database

- Simple pattern interface for post event

- Few content on page to make few confusion

- Few decorated item ,few data be transmited

Use case diagram

Use case specifications

Use case name : View content

Use case purpose: Provide the page that actor request with information from database

Preconditions: Requested page id

Postconditions : Page with information following id

Limitations: Actor don't know id

Assumptions: Actor call this from content list

Primary Scenario :

    A.   Actor send id to request page

    B.   System get information from database following id

    C.   System arrage content in pattern

    D.   Actor get information page from system

Alternate Scenario :

    Condition triggering an alternate scenario:

        Condition1 : can't find page with requested id

            B1: Actor get error message

Use case name : Post content

Use case propose : This use case will provide actor to publicize their information.

Limitations: Actor don't know id

Assumptions: Actor call this from content list

Preconditions: Actor sign in successfully (have cookie save in user browser)

Postconditions : New event announce on homepage

Primary Scenario :

A. Actor fill title , description due date in form.

B. Actor upload poster picture.

C. Actor request preview content.

D. Actor view preview page.

E. Actor submit form and picture to server.

F. Server get data and save in database.

G. Send actor back to homepage.

Alternate Scenario :

Condition triggering an alternate scenario:

Condition 1 : Actor don't have picture to upload.

B1 Actor can preview page in step C with out poster

Condition 2 : Actor don't have picture to upload but want one.

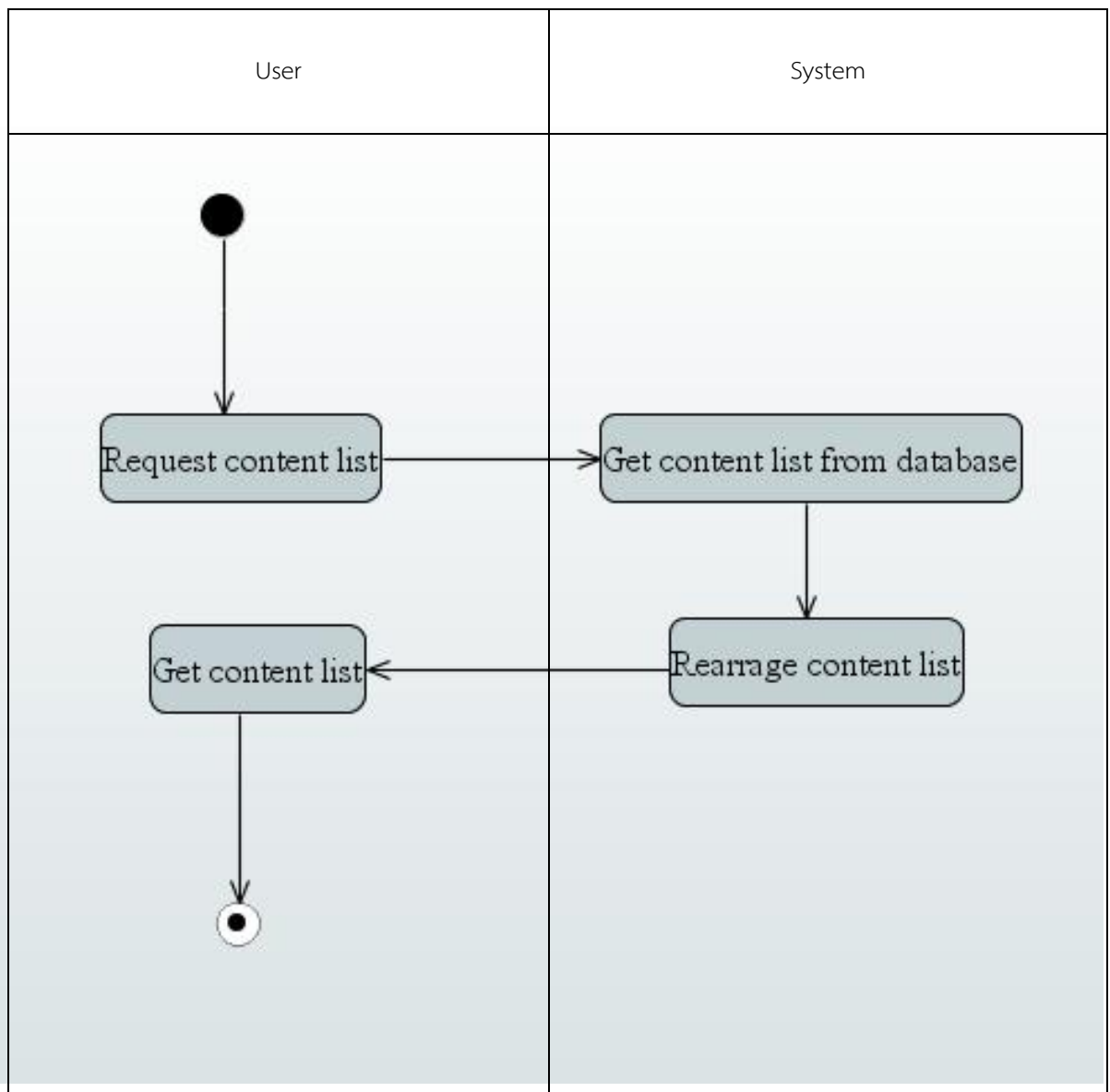B1 Actor use template that web application give to make poster.

B2 Actor finish building poster and go to step C.

Condition 3 : Don't have title and due date.

D1 Actor get error massage and back to step A again.

<u>Activity diagrams</u>

View content list 's activity diagrams

User	System

Search content 's activity diagrams

User	System

Send Keyword → Get keyword

Get keyword → Compare Keyword with content in...

Compare Keyword with content in... → (decision)

not found →

found → Priority found content in list

Priority found content in list → Get represent found list