

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

Project : KMITL-simple-event-bulletins-board

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Requirement

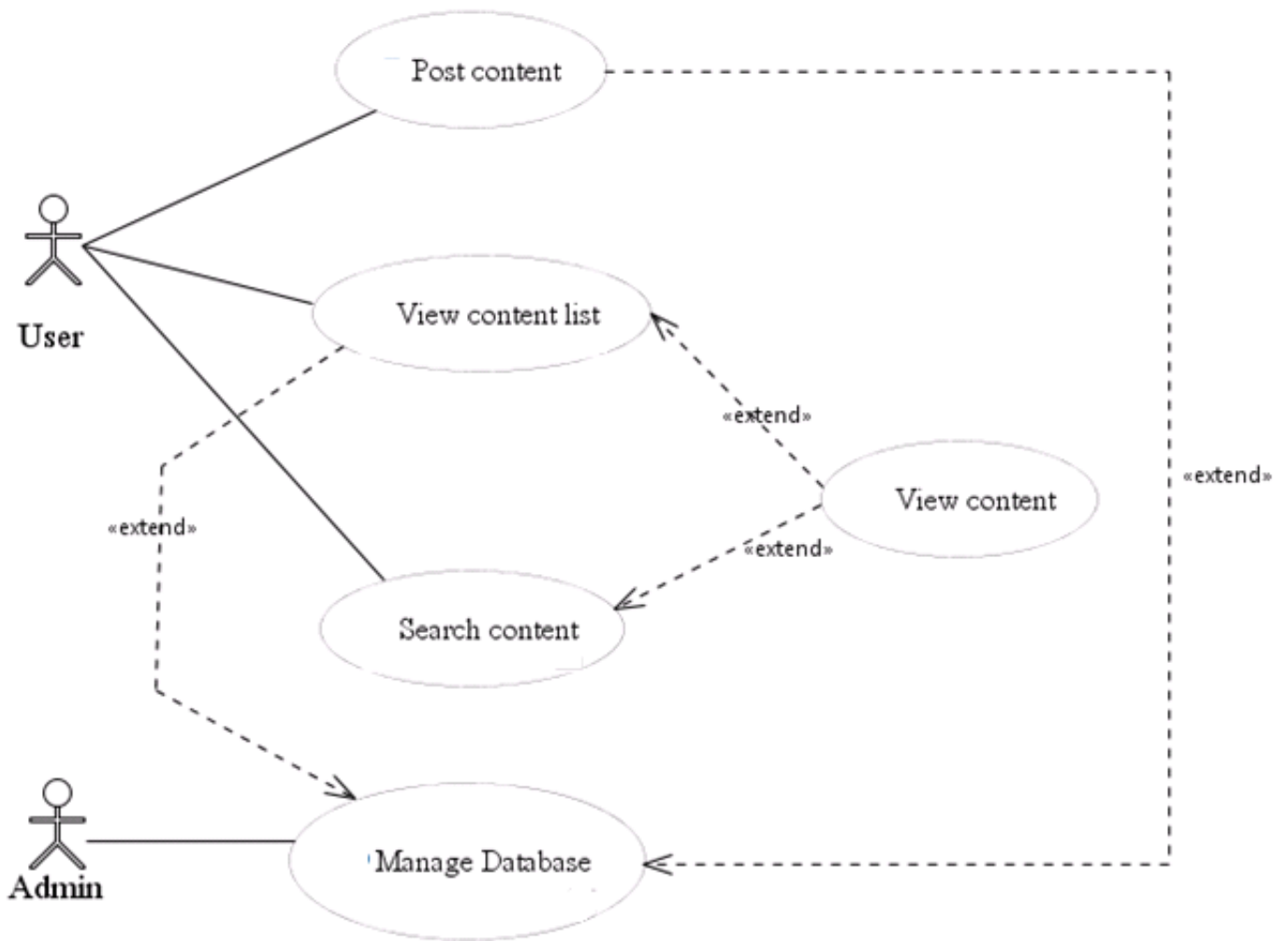
Functional requirements

- 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- Automatically delete out of date event.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: Providing the page that actor requests with information from database.

Preconditions: Requested page id

Postconditions : Page with information following id

Limitations: Actor doesn't know id.

Assumptions: Actor calls this from content list.

Primary Scenario :

- A. Actor sends id to request page .
- B. System gets information from database following id.
- C. System arranges content in pattern.
- D. Actor gets information page from system.

Alternate Scenario :

Condition triggering an alternate scenario:

Condition1 : System can't find page with requested id.

B1: Actor gets error message.

Use case name : Post content

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

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

Postconditions : New event is announced on homepage.

Limitations: Actor must post following provied pattern.

Assumptions: Actor knows event's due date.

Primary Scenario :

- A. Actor fills title , description due date in form.
- B. Actor uploads poster picture.
- C. Actor requests preview content.
- D. Actor views preview page.
- E. Actor submits form and picture to server.
- F. Server gets data and save in database.
- G. Actor gets back to homepage.

Alternate Scenario :

Condition triggering an alternate scenario:

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

B1 Actor can preview page in step C with out poster.

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

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

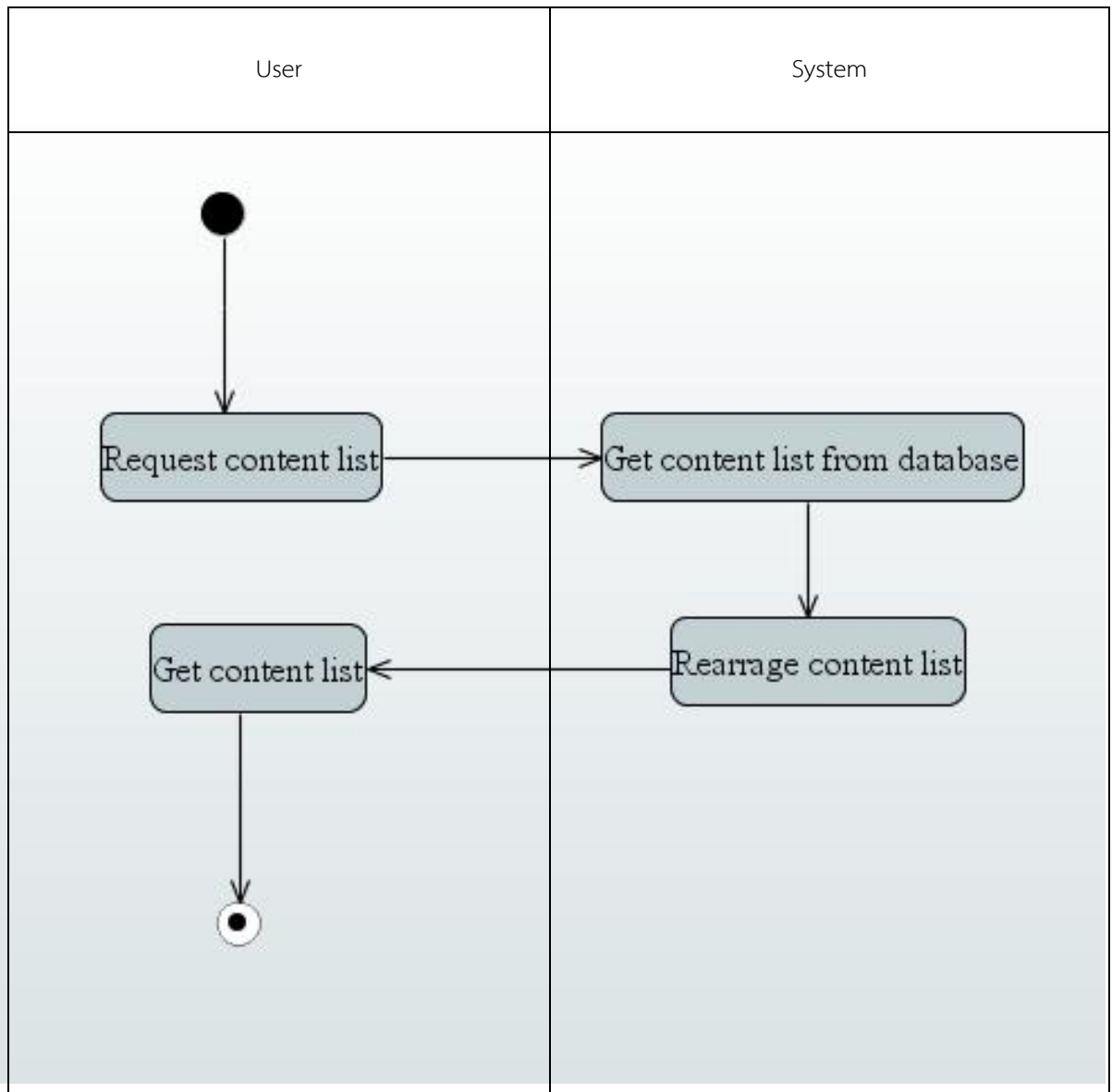
B2 Actor finishes building poster and go to step C.

Condition 3 : Doesn't have title and due date in form.

D1 Actor gets error message and back to step A again.

Activity diagrams

View content list 's activity diagrams



Search content 's activity diagrams

