Group 7

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SU Events Calendar

Description:

SU Event Calendar which is talking about the details, schedules look the plans of SU activities in the calendar form. In each day which has activities will show the topic and other related information.

What will people be able learn about in the community that you're building? Alternatively, if you are automating some collaborative workflow, what work will people accomplish with your system?

The people will see the plans in selected time, and they get the more information about the topic such as details, the schedules, places, pictures.

They can join, ask, contact the SU staff by sending the message within the activities. Moreover, the staff can reply as soon as they receive info.

What do you want people to say about your service after a visit?

The collection of all the activities are kept in this website. Furthermore, the interested people can contact the staff easily.

What are the relevant distinct user classes?

Our website has 2 user classes and can be classified by; first, visitors who interested about the plans. Second, editors who looks master servicer about information of activities.

What should a user on a smartphone be able to do?

The user who visit on a smartphone can have the same as function which visit by a laptop, for example visitor can view the activities calendar, contact the staff.

The Profile of users:

Profile user 1: (Visitor)

❑ **A. The picture of user.**

(https://www.drawingnow.com/file/videos/image/1376121129.jpg)

❑ **B**. **Information**

Name: Abia Na

Age: 27

Occupation: Student

Marital status: Single

Housing situation: Living at AIT accommodation.

Income: -

❑ **C. The short-term goals:** can contact the SU staff.

   The long-term goals: to know the activity plans in future (e.g. next month).

❑ **D. The immediate questions that this user will bring to the site:** Can I join (the activity)?
❑ **E. The kind of computer equipment and connection in this person's house:** Laptop and Smartphone.

Profile user 2: (Visitor)

❑ **A. The picture of user.**

(https://hanslodge.com/black-man-clipart.html)

❑ **B**. **Information**

Name: Oceanus eve

Age: 30

Occupation: Student

Marital status: Single

Housing situation: Living at AIT accommodation.

Income: -

❑ **C. The short-term goals:** can view details about activities.
The long-term goals: can plan to join the interested activity in the future.

❑ **D. The immediate questions that this user will bring to the site:** Can I see the picture's (activity) in last year ?

❑ **E. The kind of computer equipment and connection in this person's house:** Laptop and Smartphone.

Profile user 3: (Editor)

❑ **A. The picture of user.**

(https://www.kisscc0.com/clipart/call-centre-callcenteragent-customer-service-carto-zrse08/)

❑ **B**. **Information**

Name: Maaria rin

Age: 29

Occupation: Student

Marital status: Single

Housing situation: Living at AIT accommodation.

Income: -

❑ **C. The short-term goals:** can reply visitors message.
     The long-term goals: can collect the rating of plan in each month.

❑ **D. The immediate questions that this user will bring to the site:** Who did send the messages?
❑ **E. The kind of computer equipment and connection in this person's house:** Laptop and Smartphone.
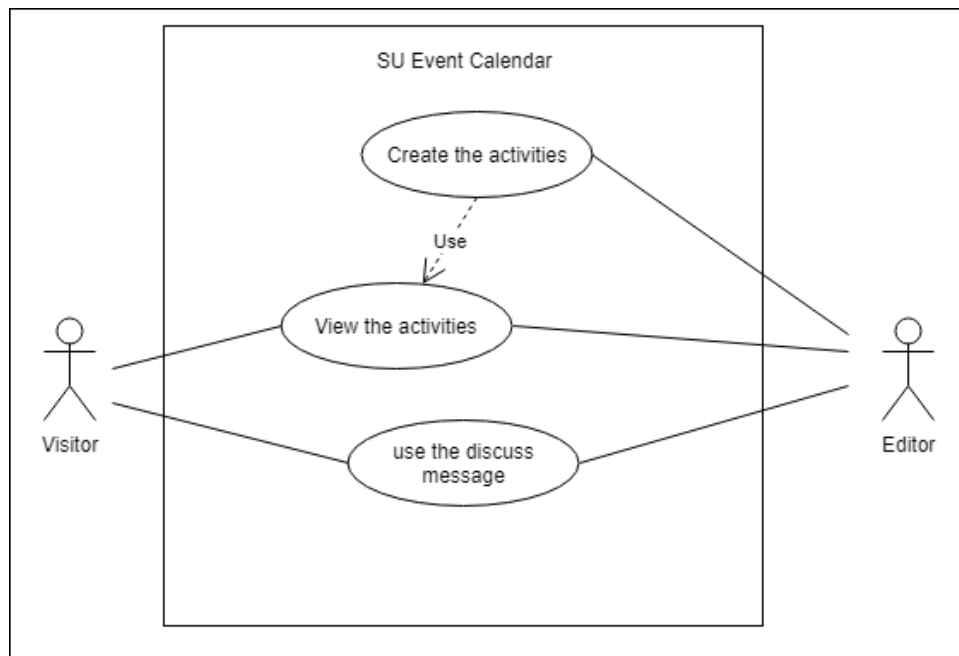
Use case diagram:

Figure 1: Use case diagram of SU Event Calendar

Evaluate offline alternatives. You ought to have a good reason for building an information system. You need a convincing answer for why we need this system rather than a book, a pencil, and paper. Explain the available alternatives and explain the best features of these alternatives. Justify why your system is necessary.

Activities	Using by without the website	SU Event Calendar
Showing the details	It can be seen on some places and times.	It can be seen in a your smartphone or laptop every time.
contact the staff	Students have to contact staff at SU office.	They can send a staff message in the website.
Data loss	The paper which have the information can be broken easily. Also, it can disappear in sometimes.	The data will save in the database as long as the editor don't remove it.

Evaluate online alternatives. Find the best existing online communities in your subject area. Note how closely they conform to the six elements of sustainability (magnet content, collaboration, searching and browsing capabilities, delegated moderation, means of removing bozos, and means for extending the community. Also write down anything strikingly good or bad about the registration process and the mechanisms of collaboration, e.g., in discussion forums, comments on articles, and chat rooms. Look for voice and mobile interfaces. If present, try them out. Look for evidence of personalization and direct controls over preferences.

Activities	AIT Events and Visitors calendar	Calendar Google	SU Event calendar
Showing the details.			
• Calendar can be shorted by user.	It can.	It can.	It can.
• Exporting the calendar	It can.	It can.	It can.
Editing the details.			
• Editing the details.	It cannot.	It can.	It can.
Sharing the activities.	It cannot.	It can.	It cannot.
Contact the staff about the topic.	It cannot.	It cannot.	It can.

Identify where the magnet content for your system is going to come from.

The people can discuss within the interested activities.

Decide on hostname and figure out DNS registration procedures. Be sure to look into the options for hosting of your web site. Ideally, you should all have a real hostname for your system, pointing to your CSIM server, by the end of the semester. At the end of the semester, you should also be ready to place your site at a more permanent home. Please include a plan for how you will do this. Note that AIT, CSIM, or AIT SU could probably be persuaded to host some of your groups' sites. Others would be more appropriately hosted offsite.

We use the free domain name from: https://my.freenom.com/

Domain name: http://su-events.ga/

Describe the intellectual property rights of you as developers, authors as contributors, and so on.

We would like SU Event Calendar will be an open source project. People who interested can develop; however, they have to add the reference into the renovation project.

Set up nightly dumps of your database using cron or equivalent.

1. Write script '/etc/pg_backup.cron' that creates database dump at '/opt/postgresql/backup.dump'.

   http://web7.cs.ait.ac.th/backup.dump

2. Create cron job to run the script at 1:30am every day.
   crontab –e
   30 1 * * * /etc/pg_backup.cron

Set up a continuous integration system for your team's development work. Jenkins is recommended. However, you may use any continuous integration solution you like as long as the essential features are implemented. You should have a regression test suite and at least a code coverage metric.

Jenkins: http://web7.cs.ait.ac.th/jenkins

Set up an issue tracker for your team. Redmine is one choice.

Issue tracker: https://trello.com/b/HY6aYEId/su-plans