

System Requirements

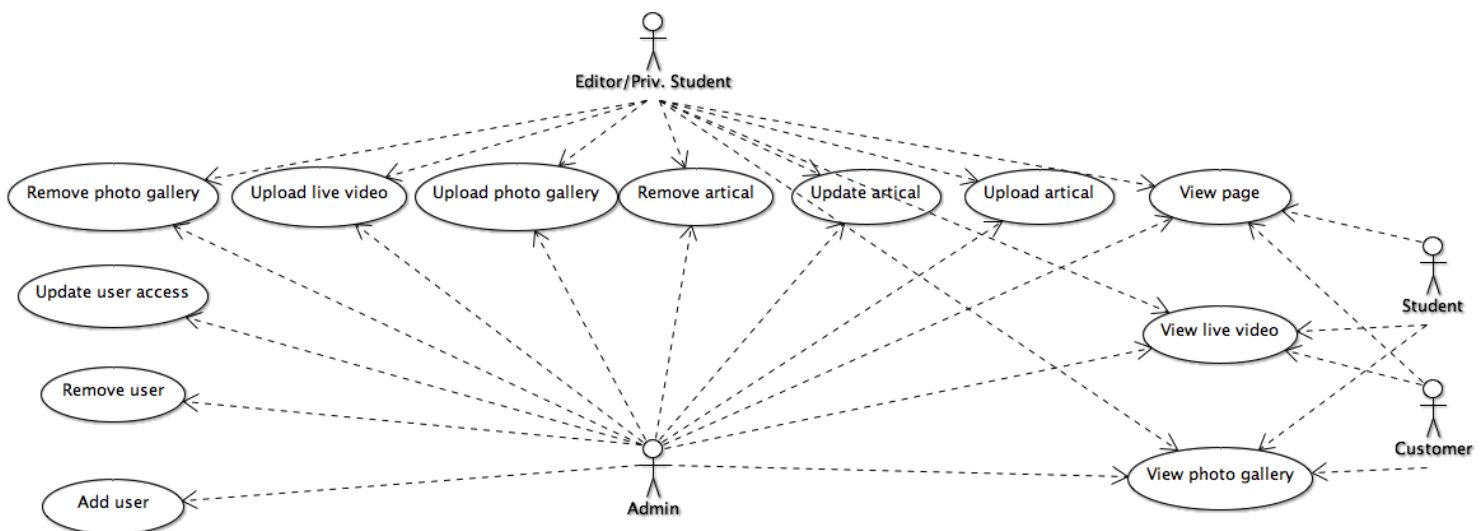
Tracking 2016 presidential elections

Team Phoenix

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I. System's functional requirements

The Journalism Department wants to launch a digital platform for the coverage of the 2016 Presidential election. It will be used as a hub for classroom projects in the Journalism Department from January 2016 through Spring 2017. The system should allow the teachers to post student's work where students and viewers can read them. The audience will be the local community.



Add User – Admin adds user

Only the Admin has the rights to add a user. The admin logs into the system. On the main page they will see a “Add User” link. They will select the “Create User” button. They can then input the information of the user. When all of the information is correct they select the “Done” button. A new user is then created.

Remove User – Admin Removes User

Only the Admin has the rights to remove a user. The Admin logs into the system. On the main page they will see a “Remove User” link. They can select the user they want to remove. Under the user there will be a “Delete User” button. The Admin would then click “Delete User”. Then a pop up will ask them to confirm and they will select “Yes”. The user will then be removed.

Update User – Admin Updates user

Only the Admin has the rights to update a user. The Admin logs into the system. On the main page they will see a “Update User” link. They can select the user they want to update. They would then be able to access and alter the user information. When they are done they will click on the “Done” button at the bottom of the page.

Remove Photo Gallery – Admin and Editor/Privileged Student

The Admin and the Editor/Privileged Student have the rights to remove a photo gallery. The Admin or Editor/Privileged Student would log into the system. Once they are logged in they can go to the photo gallery section. There they would click on the photo gallery they would like to delete. Under the gallery there will be a “Delete Photo Gallery” button. They would then select “Delete Photo Gallery”. Then a pop up will ask them to confirm and they will select “Yes”. The photo gallery will then be removed.

Upload live video – Admin and Editor/Privileged Student

The Admin and the Editor/Privileged Student have the rights to upload live video. The Admin or Editor/Privileged Student would log into the system. They would then go to the live video section. There will be a button that says “Upload Live Video”. Click that and upload the live stream. When the live stream is done click the “End Live Video” button. The live video stream will then be complete.

Upload photo gallery - Admin and privileged student

The Admin and the Editor/Privileged Student have the rights to upload a photo gallery. The Admin or the Editor/Privileged Student would log into the system. Once they are logged in they can go to the photo gallery section. There they select the button “Add Photo Gallery”. There they can select the photos they would like uploaded. Once they are done they select the “Finish Upload” button. A new photo gallery will then be uploaded.

Remove article – Admin and Editor/Privileged Student

The Admin and the Editor/Privileged Student have the rights to remove an article. The Admin or Editor/Privileged Student would log into the system. Once they are logged in they can go to the archive. There they can find the article they would like to remove. Then they can click on the article they would like to remove. Under the article there will be a “Remove Article” button. They will then click on that button. Then a pop up will ask them to confirm and they will select “Yes”. The article will then be removed.

Update article - Admin and Editor/Privileged Student

The Admin and the Editor/Privileged Student have the rights to update an article. The Admin or Editor/Privileged Student would log into the system. Once they are logged in they can go to archive to find the article they would like to update. Then they can click on the article they would like to update. Under the article there will be an “Update Article” button. They will then click on that button. They can make the updates they want.

When they are done they will click on “Done” at the bottom of the page. The article will then be updated.

Upload article - Admin and Editor/Privileged Student

The Admin and the Editor/Privileged Student have the rights to update an article. The Admin or Editor/Privileged Student would log into the system. On the front page there will be an “Upload Article” button. There they can click on the button “Upload Article”. There they can copy and paste into the text box the article they want. This will be done using plain text. When they are finished they will select the “Done” button. Their article will then be uploaded.

View page - Admin and Editor/Privileged Student, Student, and Customer

The Admin, Editor/Privileged Student, Student, and Customer have the rights to view the page. The Admin, Editor/Privileged Student, Student, and Customer would log into the system. Once they are logged in they can view the page.

View live video - Admin and Editor/Privileged Student, Student, and Customer

The Admin, Editor/Privileged Student, Student, and Customer have the rights to view live video. The Admin, Editor/Privileged Student, Student, and Customer would log into the system. Once they are logged in they can click on the “Live Video” button on the main page. There they can view the live video.

View photo gallery - Admin and Editor/Privileged Student, Student, and Customer

The Admin, Editor/Privileged Student, Student, and Customer have the rights to view photo gallery. The Admin, Editor/Privileged Student, Student, and Customer would log into the system. Once they are logged in they can click on the “Photo Gallery” button on the main page. There they can view the photo gallery.

II. User story

1. Use Case: Remove Article

As a privileged user I want remove an article from the front page because the article is no longer considered breaking new.

2. Use Case: Update Article

As a privileged user I want to update an article on the front page because the information in the article is no longer up to date.

3. Use Case: Upload Article

As a privileged user I want to upload a new article to the front page so that viewers of the website can read it.

4. View Page

As a customer, I want to view the homepage so that I can read the featured article and navigate the website.

5. View Gallery

As a customer, I want to view the photo gallery so that I can see any photos taken by the staff of the webpage.

6. View Live Video

As a customer, I want to view the live video to enjoy it and to receive information.

7. Add User

As an Administrator, I want to add a new user to give them access to specific tools for the website.

8. Remove User

As an Administrator, I want to remove a user because they are no longer allowed to make changes to the website.

9. Update User

As an administrator, I want to update a user to remove or give more privileges to the website.

10. Upload Photo Gallery

As an administrator, I want to be able to upload a photo album so that I can view it on the website.

11. Remove Photo Gallery

As an administrator, I want to be able to remove a photo gallery from the website so that it can no longer be viewed.

12. Upload live video feed

As an administrator, I want to upload a live video feed so that it can be viewed by others.

III. Pre- Post- Conditions

1. Remove Article

Precondition: The user needs an Admin or Editor/Privilege Student account.

Internet connection.

Postcondition: The article selected will be removed and no longer show on the site.

2. Update Article

Precondition: The user needs an Admin or Editor/Privilege Student account.

Internet connection.

Postcondition: The article selected will then be updated.

3. Upload Article

Precondition: The user needs an Admin or Editor/Privilege Student account. Text of the article, photo and/or video about related to the article. Internet connection.

Postcondition: A new article will be uploaded to the site.

4. View Page

Precondition - Must have navigated to the correct web address. Internet connection.

Postcondition - Website will display on web browser.

5. View Gallery

Precondition- Must have clicked on the “Gallery” link to be taken to the gallery page. Internet connection.

Postcondition- Gallery page is displayed on web browser.

6. View Live Video

Precondition - Must have clicked on the link to the live video from the home page. Internet connection.

Postcondition - Is now viewing live video

7. Add User

Precondition - The user needs an Admin account. First and last name of user to be created, and/or biography of person, and/or photo of person. Internet connection.

Postcondition - New user was created.

8. Remove User

Precondition - The user needs an Admin account. Internet connection.

Postcondition - Account has been removed.

9. Update User

Precondition -The user needs an Admin account. Internet connection.

Postcondition - User's information has changed.

10. Upload Photo Gallery

Precondition - The user needs an Admin or Editor/Privilege Student account. Has
folder on computer of photos to be uploaded. Internet connection.

Postcondition - The photo gallery is displayed on the site.

11. Remove Photo Gallery

Precondition - The user needs an Admin or Editor/Privilege Student account.
Internet connection.

Postcondition - The deleted photo gallery is removed from the site.

12. Upload live video feed

Precondition - The user needs an Admin, or Editor/Privilege Student or,
temporarily live video account. Connection of live video to computer.
Internet connection.

Postcondition - User is able to create a live feed

IV. Break down user stories

No, the Admin user story is big but cannot be broken down for security reasons

V. Nonfunctional requirements

Text of articles uploaded need to be in plain text.

Video size uploaded can not be larger then 500 MB

Photos that are uploaded can only be JPEG

Home page will display a featured article prominently.

Home page will have links to archives, photo gallery, live video, discussion section, and log in functionality.

Gallery will display ten pictures per page and have links to other pages

VI. Glossary

Admin/Administrator - refers to an individual is is allowed to make changes to the website. Including giving other individuals specific privileges to make changes to the website.

Archives- refers to all previous articles posted

Articles - A factual story that a journalist wants to display on the website. Must have plain text and could have a mixture of photos and videos.

Discussion section- refers to a section where a faculty member can post a question in order to facilitate discussion among registered users including faculty, students and customers.

Editor/Privileged Student - refers to an individual who has the ability to upload, remove, update articles, and photos. They are not able to add users, update, remove users.

Plain text - refers to text that is not computationally tagged, specially formatted, or written in code.

Local community - refers to people who live at CCSU campus and in surrounding towns

Photo gallery - A collection of photos.

Privileges - The ability to make a change to the website.

Student - An individual who will write articles for the website but do not have access to make changes to the website.