World Art Festival e-Voting and Feedback System

Use Case Specifications: Administrator Management of Reports

Version 1.5

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 10/22/2015 | 1.0 | Created format | Timothy Folds |
| 10/25/2015 | 1.1 | Changed format to match updated Outline Use Case | Timothy Folds |
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| 10/27/2015 | 1.3 | Filled in sections 1 through 2.3 | Timothy Folds |
| 10/28/2015 | 1.4 | Finished filling in other sections | Timothy Folds |
| 10/29/2015 | 1.5 | Corrected some last minute changes that I forgot to change. | Timothy Folds |

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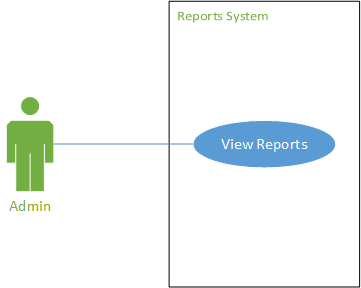
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Use Case Specifications: Administrator Management of reports

# Diagram of administrator management of reports



# Administrator views voting data

## Brief Description

An admin views the various reports such as demographics, voting data, and leaderboards.

## Basic Flow of Events

## *Admin requests to view reports*

* From the administration landing page, following admin “login sub-flow” the admin will click on the “Reports” link which is the start of this use case.
  + Refer to “Use Case Specifications: Administrator Management of Event Details” for “login sub-flow”

### System displays reports page

* After requesting to view reports via “Reports” link, the system will display the reports page.
  + Refer to wire-frames for visuals
* The system will preselect the “voting data” tab
  + Refer to 2.4.1 for “voting data”
  + Refer to wire-frames for visuals
* Upon render completion the admin will be able to swap through “voting data”, “leaderboards”, and “demographics” until the use case is over.

### End of use case

* The use case ends when the admin leaves the reports page

## Alternative Flows

### Unauthorized access

* This flow starts if an adversary tries to access the reports page without logging in via URL.
* When an adversary attempts to view the reports page, via URL, the system will send them back to the main landing page.
  + Only users who have logged in through the admin login page can view the reports.
  + This will be done through “session” variables and validations when logged in.
    - If an adversary is not logged in then the “session” variable would be null resulting in an invalid access right to the reports page, which validations on the reports page will catch.

### Admin views voting data

* This flow starts when the “voting data” tab is selected.
* Upon selection of the “voting data” tab, the system will display the voting data page which consists of several radio buttons.
  + “block” voting data
    - Refer to 2.3.4
  + “genre” voting data
    - Refer to 2.3.5
* When the “voting data” tab is initially selected it will preselect the “block” voting data radio button.
* From here the admin can swap between “block” and “genre” pages until the admin achieves one of these conditions.
  + Admin selects “leaderboards” tab
    - Refer to 2.3.2
  + Admin selects “demographics” tab
    - Refer to 2.3.3
  + Admin logs out
  + Admin leaves reports page

### Admin views leaderboards

* This flow starts when the “leaderboards” tab is selected.
* Upon selection of the “leaderboards” tab, the system will display the leaderboards pages which consists of a table that displays the top films in the event.
  + Calculating the top films for the event:
    - [ (# of votes for film) / (# of votes in block) ] \* 100 = (% of votes for film)
    - Example: [ 10 / 100 ] \* 100 = 10%
  + Leaderboards will display the top films by this standard
* Until the admin leaves the “leaderboards” tab it will update every 35 seconds to keep up to date with voters voting.
  + Reason for updating every 35 seconds:
    - There will be 30 seconds for the voter to vote
      * “Voter has roughly 30 seconds to vote at a kiosk”.
    - A countdown timer will display and keep track of this.
    - There will be a five second interval that will display “updating…” in the countdown timer’s place.
* This flow ends upon leaving the “leaderboards” tab.

### Admin views demographics

* This flow starts when the “demographics” tab is selected
* Upon selection of the “demographics” tab, the system will display the demographics page which consists of four pie charts:
  + Age
  + Ethnicity
  + Education
  + Household Income
* These pie charts are gathered through the demographics gathered during the voting process.
* This flow ends upon leaving the “demographics” tab.

### Admin views block voting data

* This flow starts when the “block” radio button is chosen on the “voting data” tab.
* Upon selection of the “block” radio button, the system will display content based on the wire-frames depicted on Balsamiq.
  + The content will consist of 4 pieces
    - Pie chart
    - 2 selection areas
      * Select Block area
        + Refer to sub flow 2.4.1
      * Select Film area
        + Refer to sub flow 2.4.3
    - 1 display film info area
      * Refer to sub flow 2.4.4
  + Refer to wire-frames
* This flow ends upon leaving the “block” radio button.

### Admin views genre voting data

* This flow starts when the “genre” radio button is chosen on the “voting data” tab.
* Upon selection of the “genre” radio button, the system will display content based on the wire-frames depicted on Balsamiq.
  + The content will consist of 4 pieces
    - Pie chart
    - 2 selection areas
      * Select Genre area
        + Refer to sub flow 2.4.2
      * Select Film area
        + Refer to sub flow 2.4.3
    - 1 display film info area
      * Refer to sub flow 2.4.4
  + Refer to wire-frames
* This flow ends upon leaving the “genre” radio button.

## Sub flows

### Select Block

* This flow begins when the “block” radio button is selected.
* Upon the “block” radio button selection, the system will display a “selection” area on the left side that enables the admin to click on a block and change the pie chart in the middle of the screen and the films related to the block on the right of the screen.
  + Refer to wire-frames
* After everything is displayed the admin has the option to interact with the right ‘selection” area.
  + Refer to sub flow 2.4.3
* This flow ends upon leaving the “block” radio button.

### Select Genre

* This flow begins when the “genre” radio button is selected.
* Upon the “genre” radio button selection, the system will display a “selection” area on the left side that enables the admin to click on a genre and change the pie chart in the middle of the screen and the films related to the genre on the right of the screen.
  + Refer to wire-frames
* After everything is displayed the admin has the option to interact with the right ‘selection” area.
  + Refer to sub flow 2.4.3
* This flow ends upon leaving the “genre” radio button.

### Select Film

* This flow begins when either the “block” or “genre” radio button is selected.
* Upon the “block” or “genre” radio button selection, the system will display a “selection” are on the right side that enables the admin to click on a film that is related to the topic at hand.
  + If the flow starts when “block” is selected, then the films will be from that block.
  + If the flow starts when “genre” is selected, then the films will be from that genre.
* After the films are displayed the admin has the option to select a film from the “selection” area.
  + Refer to sub flow 2.4.4
* This flow ends upon several cases:
  + On “block” radio button
    - Selecting a new block
  + On “genre” radio button
    - Selecting a new genre
  + Swapping between “block” and “genre”
  + Leaving the “voting data” tab

### Display Film Info

* This flow begins when either the “block” or “genre” radio button is selected.
* Upon the “block” or “genre” radio button selection, the system will display a “film info” area under the pie chart.
  + Refer to wire-frames
* This area will be populated with all the data about the film selected.
* This flow ends upon several cases:
  + On “block” radio button
    - Selecting a new block
  + On “genre” radio button
    - Selecting a new genre
  + Swapping between “block” and “genre”
  + Selecting another film
  + Leaving the “voting data” tab

## Key Scenarios

### Success Scenario

* All content is displayed correctly for the duration that the admin is on the reports page – basic flow

### 2.5.2 Failure Scenario

* Content is not displayed properly

## Preconditions

* User must have internet access.
* User must be logged in as an admin.

## Postconditions

None

## Extension Points

None

## Special Requirements

None

## Additional Information

None