

# USER REQUIREMENT SPECIFICATION

-

## DELIRIUM REVIEWS

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| Version | Date       | Changes | State            |
|---------|------------|---------|------------------|
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## Introduction

Delirium Reviews is a company that has requested a software solution from us, the solution will be divided into desktop and web applications, the solutions will allow the client to digitalize his content and interact with his customers in a superior manner.

## Requirements

|       | Description          | Use case | Name                         | User Type | Application | Prioritization |
|-------|----------------------|----------|------------------------------|-----------|-------------|----------------|
| FR-01 | Movie Management     | UC-01    | Add movie                    | Manager   | Desktop     | Must Have      |
|       |                      | UC-02    | View movie collection        | Manager   | Desktop     | Must Have      |
|       |                      | UC-03    | Update movie information     | Manager   | Desktop     | Must Have      |
|       |                      | UC-04    | Search movie                 | Manager   | Desktop     | Must Have      |
| FR-02 | Tv-series Management | UC-05    | Add tv-series                | Manager   | Desktop     | Must Have      |
|       |                      | UC-06    | View tv-series collection    | Manager   | Desktop     | Must Have      |
|       |                      | UC-07    | Update tv-series information | Manager   | Desktop     | Must Have      |
|       |                      | UC-08    | Search tv-series             | Manager   | Desktop     | Must Have      |
| FR-03 | Reviews Management   | UC-09    | Add review                   | Manager   | Desktop     | Must Have      |
|       |                      | UC-10    | View review collection       | Manager   | Desktop     | Must-Have      |
|       |                      | UC-11    | Update review information    | Manager   | Desktop     | Must Have      |
|       |                      | UC-12    | Search review                | Manager   | Desktop     | Must Have      |
|       |                      | UC-13    | Archive review               | Manager   | Desktop     | Must Have      |
| FR-04 | Website operations   | UC-14    | Log in                       | Visitor   | Website     | Must Have      |
|       |                      | UC-15    | Sign up                      | Visitor   | Website     | Must Have      |
|       |                      | UC-16    | See media collection         | Visitor   | Website     | Must Have      |
|       |                      | UC-17    | See review collection        | Visitor   | Website     | Must Have      |
|       |                      | UC-18    | View profile                 | Visitor   | Website     | Must Have      |
|       |                      | UC-19    | Update profile information   | Visitor   | Website     | Must Have      |

## Non-functional Requirements

### 1. Bug free solution

Testing techniques should be used when implementing the application, so the solution works properly.

### 2. Maintainable Code

Object oriented principles must be applied in the implemented solution, so it has a good maintainability and scalability.

## Use cases

|                |   |
|----------------|---|
| Use Case ID    | UC-01   |
| Use Case Name  | Add movie   |
| Actor(s)       | Manager   |
| Description    | This use case involves adding a movie to the system   |
| Preconditions  | The manager is logged into the system <b>and in the movie manager tab</b>   |
| Normal Course  | <ol style="list-style-type: none"><li>1. Actor selects the add new movie option.</li><li>2. System requests information about the new movie</li><li>3. Actor enters the details and confirms.</li><li>4. System validates information and adds the movie to the database.</li></ol> |
| Extensions     | 4a: Actor enters wrong details.<br>.1 System displays an error message.<br>.2 Return to MSS step 3  |
| Postconditions | The movie is added to the database  |
| Application    | Desktop   |

|                |   |
|----------------|---|
| Use Case ID    | UC-02   |
| Use Case Name  | View movie collection   |
| Actor(s)       | Manager   |
| Description    | This use case involves viewing the movie collection   |
| Preconditions  | The manager is logged into the system <b>and in the movie manager tab</b>   |
| Normal Course  | <ol style="list-style-type: none"><li>1. Actor selects the view movie collection.</li><li>2. System displays a list of movies</li></ol> |
| Postconditions | The movie collection is displayed   |
| Application    | Desktop   |

|                |  |
|----------------|--|
| Use Case ID    | UC-03  |
| Use Case Name  | Update movie information   |
| Actor(s)       | Manager  |
| Description    | This use case involves updating the information of an existing movie   |
| Preconditions  | Manager is already logged in and in the movie manager tab  |
| Normal Course  | <ol style="list-style-type: none"> <li>1. Actor selects one movie they wish to update and selects the update option.</li> <li>2. System displays the old information about the movie.</li> <li>3. Actor edits the information.</li> <li>4. System validates new information and updates the information in the database</li> </ol> |
| Extensions     | 4a: Actor enters wrong details.<br>.1 System displays an error message.<br>.2 Return to step 3   |
| Postconditions | The movie updated information is displayed   |
| Application    | Desktop  |

|                |   |
|----------------|---|
| Use Case ID    | UC-04   |
| Use Case Name  | Search movie  |
| Actor(s)       | Manager   |
| Description    | This use case involves searching for a specific movie   |
| Preconditions  | The manager is logged into the system and in the movie manager tab  |
| Normal Course  | <ol style="list-style-type: none"> <li>1. Actor provides the title of the movie and presses search.</li> <li>2. System performs a search based on the title and displays the movie information</li> </ol> |
| Extensions     | 2a: Actor enters the wrong title/empty.<br>.1 System displays an error message.<br>.2 Return to step 1  |
| Postconditions | System displays the specific movie  |
| Application    | Desktop   |

|                |  |
|----------------|--|
| Use Case ID    | UC-05  |
| Use Case Name  | Add tv-series  |
| Actor(s)       | Manager  |
| Description    | This use case involves adding a tv-series to the system  |
| Preconditions  | The manager is logged into the system <b>and in the tv-series manager tab</b>  |
| Normal Course  | <ol style="list-style-type: none"> <li>1. Actor selects the add new tv-series option.</li> <li>2. System requests information about the new tv-series</li> <li>3. Actor enters the details and confirms.</li> <li>4. System validates information and adds the tv-series to the database.</li> </ol> |
| Extensions     | 4a: Actor enters wrong details.<br>.1 System displays an error message.<br>.2 Return to MSS step 3   |
| Postconditions | The tv-series information is updated   |
| Application    | Desktop  |

|                |   |
|----------------|---|
| Use Case ID    | UC-06   |
| Use Case Name  | View tv-series collection   |
| Actor(s)       | Manager   |
| Description    | This use case involves viewing the tv-series collection   |
| Preconditions  | The manager is logged into the system <b>and in the tv-series manager tab</b>   |
| Normal Course  | <ol style="list-style-type: none"> <li>1. Actor selects the view tv-series collection.</li> <li>2. System displays a list of tv-series</li> </ol> |
| Postconditions | The tv-series information is displayed  |
| Application    | Desktop   |

|                |  |
|----------------|--|
| Use Case ID    | UC-07  |
| Use Case Name  | Update tv-series information   |
| Actor(s)       | Manager  |
| Description    | This use case involves updating the information of an existing tv-series   |
| Preconditions  | Manager is already logged in and in the tv-series manager tab  |
| Normal Course  | <ol style="list-style-type: none"> <li>1. Actor selects one tv-series they wish to update and selects the update option.</li> <li>2. System displays the old information about the tv-series.</li> <li>3. Actor edits the information.</li> <li>4. System validates new information and updates the information in the database</li> </ol> |
| Extensions     | 4a: Actor enters wrong details.<br>.1 System displays an error message.<br>.2 Return to step 3   |
| Postconditions | The tv-series updated information is displayed   |
| Application    | Desktop  |

|                |   |
|----------------|---|
| Use Case ID    | UC-08   |
| Use Case Name  | Search tv-series  |
| Actor(s)       | Manager   |
| Description    | This use case involves searching for a specific tv-series   |
| Preconditions  | The manager is logged into the system and in the tv-series manager tab  |
| Normal Course  | <ol style="list-style-type: none"> <li>1. Actor provides the title of the tv-series and presses search.</li> <li>2. System performs a search based on the title and displays the tv-series information</li> </ol> |
| Extensions     | 2a: Actor enters the wrong title/empty.<br>.1 System displays an error message.<br>.2 Return to step 1  |
| Postconditions | System displays the specific tv-series  |
| Application    | Desktop   |

|                |   |
|----------------|---|
| Use Case ID    | UC-09   |
| Use Case Name  | Add review  |
| Actor(s)       | Manager   |
| Description    | This use case involves adding a review to the system  |
| Preconditions  | The manager is logged into the system <b>and in the review manager tab</b>  |
| Normal Course  | <ol style="list-style-type: none"> <li>1. Actor selects the add new review option.</li> <li>2. System requests information about the new review</li> <li>3. Actor enters the details and confirms.</li> <li>4. System validates information and adds the review to the database.</li> </ol> |
| Extensions     | 4a: Actor enters wrong details.<br>.1 System displays an error message.<br>.2 Return to MSS step 3  |
| Postconditions | The review information is updated   |
| Application    | Desktop   |

|                |  |
|----------------|--|
| Use Case ID    | UC-10  |
| Use Case Name  | View reviews collection  |
| Actor(s)       | Manager  |
| Description    | This use case involves viewing the reviews collection  |
| Preconditions  | The manager is logged into the system and in the review manager tab  |
| Normal Course  | <ol style="list-style-type: none"> <li>1. Actor selects the view review collection.</li> <li>2. System displays a list of reviews</li> </ol> |
| Postconditions | The review information is displayed  |
| Application    | Desktop  |

|                |  |
|----------------|--|
| Use Case ID    | UC-11  |
| Use Case Name  | Update review information  |
| Actor(s)       | Manager  |
| Description    | This use case involves updating the information of an existing review  |
| Preconditions  | Manager is already logged in and in the review manager tab   |
| Normal Course  | <ol style="list-style-type: none"> <li>1. Actor selects one review they wish to update and selects the update option.</li> <li>2. System displays the old information about the review.</li> <li>3. Actor edits the information.</li> <li>4. System validates new information and updates the information in the database</li> </ol> |
| Extensions     | 4a: Actor enters wrong details.<br>.1 System displays an error message.<br>.2 Return to step 3   |
| Postconditions | The review updated information is displayed  |
| Application    | Desktop  |



|                |   |
|----------------|---|
| Use Case ID    | UC-12   |
| Use Case Name  | Search review   |
| Actor(s)       | Manager   |
| Description    | This use case involves searching for a specific review  |
| Preconditions  | The manager is logged into the system and in the review manager tab   |
| Normal Course  | <ol style="list-style-type: none"> <li>1. Actor provides the title of the review and presses search.</li> <li>2. System performs a search based on the title and displays the review information</li> </ol> |
| Extensions     | <p>2a: Actor enters the wrong title/empty.</p> <p>.1 System displays an error message.</p> <p>.2 Return to step 1</p>   |
| Postconditions | System displays the specific review   |
| Application    | Desktop   |

|                |  |
|----------------|--|
| Use Case ID    | UC-13  |
| Use Case Name  | Archive review   |
| Actor(s)       | Manager  |
| Description    | This use case involves archiving a specific review   |
| Preconditions  | The manager is logged into the system and in the review manager tab  |
| Normal Course  | <ol style="list-style-type: none"> <li>1. Actor selects one review and selects the archive option.</li> <li>2. System moves the selected review to the archive database</li> </ol> |
| Postconditions | The specific review is added to the archive databased and remove from the current one  |
| Application    | Desktop  |

|                |   |
|----------------|---|
| Use case ID    | UC- 14  |
| Use Case Name  | Log in  |
| Actor(s)       | Website visitor   |
| Description    | Actor should be able to log in on the website   |
| Preconditions  | <ol style="list-style-type: none"> <li>1.Actor is on the website</li> <li>2.Actor has already created an account</li> </ol>   |
| Normal Course  | <ol style="list-style-type: none"> <li>1.Actor navigates to the Log in page</li> <li>2.System shows the form</li> <li>3.Actor enters the credentials</li> <li>4.System checks the username and password</li> <li>5.Actor is redirected towards the proper page</li> </ol> |
| Extensions     | <p>4a. Not all the information is provided/incorrect.</p> <p>.1 System shows an error message.</p> <p>.2 return to step 3</p>   |
| Postconditions | Actor gets access to specific tabs that are only available to the logged in visitors  |
| Application    | Website   |

|                |  |
|----------------|--|
| Use case ID    | UC- 15   |
| Use Case Name  | Sign up  |
| Actor(s)       | Website visitor  |
| Description    | Actor should be able to sign up for an account   |
| Preconditions  | Actor is on the website  |
| Normal Course  | 1.Actor navigates to the Sign-up page<br>2.System shows the sign-up form<br>3.Actor provides all the information that is required to create an account<br>4.System checks the information and creates the account and shows “Your account has been successfully created”.<br>5.Actor is redirected to the login page |
| Extensions     | 4a. Not all the information is provided.<br>.1 System shows an error message.<br>.2 return to step 3   |
| Postconditions | Account is created and saved   |
| Application    | Website  |

|                |   |
|----------------|---|
| Use case ID    | UC- 16  |
| Use Case Name  | View media collection   |
| Actor(s)       | Website visitor   |
| Description    | Actor should be able to see the media collection  |
| Preconditions  | Actor is on the website   |
| Normal Course  | 1.Actor navigates to the media page<br>2.System loads the basic information<br>3.Actor selects one of the media<br>4.System loads all the available information about that specific media |
| Postconditions | System displays the media collection  |
| Application    | Website   |

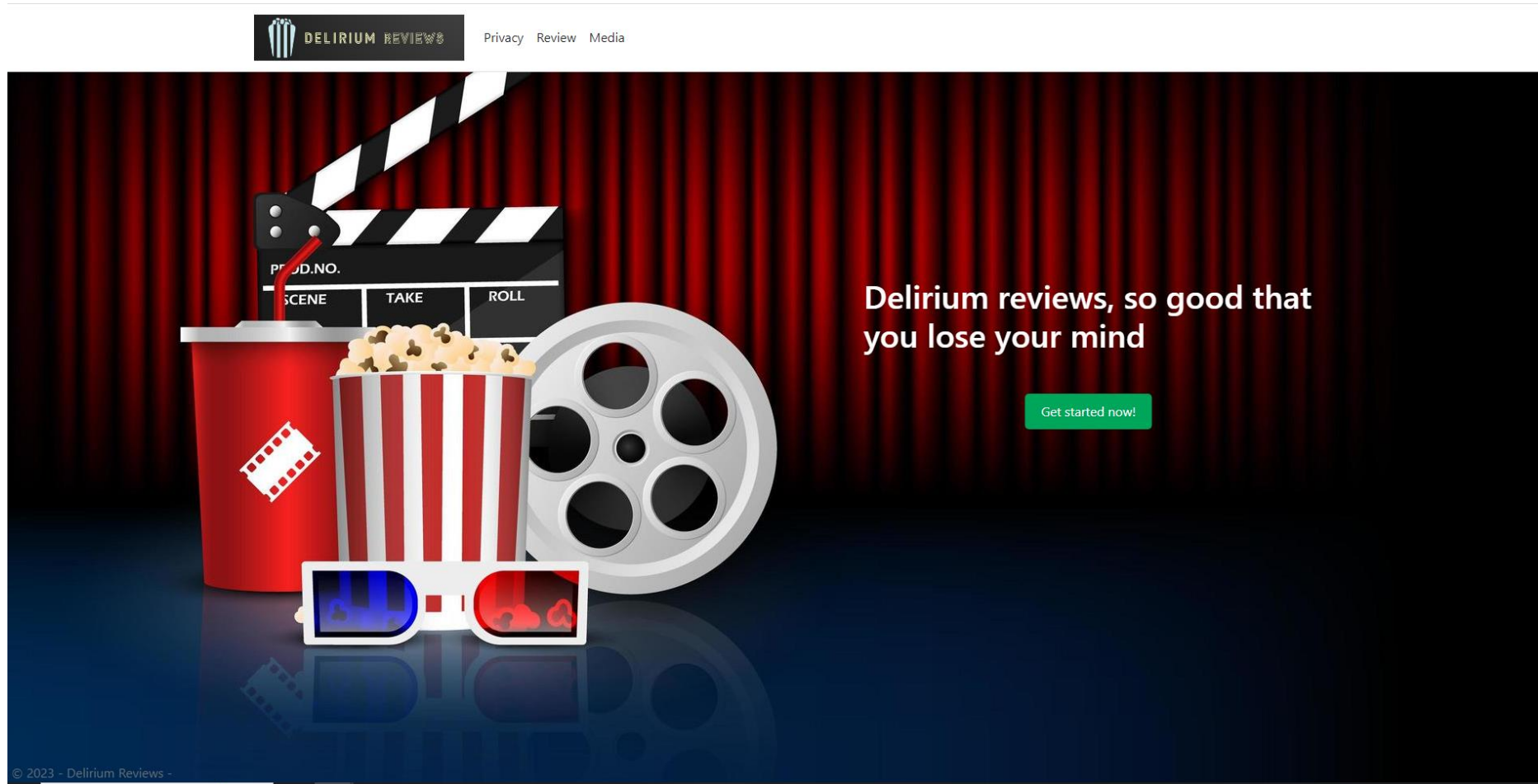
|                |   |
|----------------|---|
| Use case ID    | UC- 17  |
| Use Case Name  | View review collection  |
| Actor(s)       | Website visitor   |
| Description    | Actor should be able to see the review collection   |
| Preconditions  | 1.Actor is on the website.<br>2.Actor is logged in.   |
| Normal Course  | 1.Actor navigates to the review page<br>2.System loads the basic information<br>3.Actor selects one of the reviews<br>4.System loads all the available information about that specific review |
| Postconditions | System displays the review collection   |
| Application    | Website   |

|                |   |
|----------------|---|
| Use case ID    | UC- 18  |
| Use Case Name  | View Profile  |
| Actor(s)       | Website visitor   |
| Description    | Actor should be able to see his profile   |
| Preconditions  | Actor is logged in  |
| Normal Course  | 1.Actor navigates to the profile page<br>2.System loads the available information |
| Postconditions | System displays the information about the profile                                 |
| Application    | Website   |

|                |  |
|----------------|--|
| Use case ID    | UC- 19   |
| Use Case Name  | Update profile information   |
| Actor(s)       | Website visitor  |
| Description    | Actor should be able to change his personal information  |
| Preconditions  | 1.Actor is logged in<br>2.Actor is on his profile page   |
| Normal Course  | 1.Actor goes to the change profile information page<br>2.System shows the form<br>3.Actor provides the information<br>4.System checks the information, updates the information, and shows a confirmation message |
| Extensions     | 4a. Not all the information is provided/ information is invalid.<br>.1 System shows an error message.<br>.2 return to step 3   |
| Postconditions | Information is updated   |
| Application    | Website  |

## Design

Index page (the navigation bar still needs to be updated)



Review page (where all the reviews are shown to the logged in user)



[Privacy](#) [Review](#) [Media](#)

Reviews:



Movie collection page (where all the media is shown despite being logged in or not)



[Privacy](#) [Review](#) [Media](#)

Media:



Title:  
**Snow**  
**white**

Actor: [Rachel Zegler](#)

Director:  
[Marc Webb](#)



Title:  
**Godfather**

Actor: [Al Pacino](#)

Director: [Francis Ford Coppola](#)



Title:  
**Breaking**  
**bad**

Actor: [Aaron Paul](#)

Director: [Vince Gilligan](#)



Title:  
**Better**  
**call**  
**Saul**

Actor: [Bob Odenkirk](#)

Director: [Vince Gilligan](#)



## Title:SpiderMan 3

Score: 3



After a call from disappointed fans and Tom Holland, who says he wants to play Spider-Man for decades to come and apparently personally begged the top brass of the film studios to reopen talks, a deal was finally struck. This eternal tug-of-war has resulted in something very special, because this third Marvel Spider-Man film is drizzled with the thick sauce of all previous Sony Spider-Man versions. Spider-Man: No Way Homestarts where the previous part ended. The New York hurler's identity is out in the open and his reputation is being vilified by mood-making videos from The Daily Bugle.



## Title: Breaking bad

Genre: Drama Star: Aaron Paul, Director: Vince Gilligan



Description: Set in Albuquerque, New Mexico, between 2008 and 2010,[8] Breaking Bad follows Walter White, a struggling, frustrated high school chemistry teacher who transforms into a ruthless kingpin in the local methamphetamine drug trade, driven to provide for his family financially after being diagnosed with inoperable lung cancer. Initially making only small batches of meth with his former student Jesse Pinkman in a rolling meth lab, Walter and Jesse eventually expand to make larger batches of special blue meth that is incredibly pure and creates high demand. Walter takes on the name "Heisenberg" to mask his identity. Because of his drug-related activities, Walter eventually finds himself at odds with his family, the Drug Enforcement Administration (DEA) through his brother-in-law Hank Schrader, the local gangs, and the Mexican drug cartels (including their regional distributors), putting him and his family's lives at risk.



Review manager tab (desktop app) (Design still needs to be done)

MovieManager

TvSeriesManager

ReviewManager

Add Review

Update Review

View All Review

Search Review

ID

Review Collection

|   | Title | Score | Description |
|---|-------|-------|-------------|
| * |       |       |             |