What is a Use Case Document/Description?

* People model that describes the interactions between users and a system
* Helps users picture themselves executing a task and identifying the features required to support each step
* Describes what the user needs to do, what they are trying to accomplish, and how the system responds

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| **Name** | The Use Case name. Typically, the name is of the format <action> + <object> |
| **ID** | An identifier that is unique to each use Case |
| **Description** | A brief sentence that states what the user wants to be able to do and what benefit he will derive |
| **Actors** | The type of user who interacts with the system to accomplish a task. Actors are identified by role name |
| **Organizational Benefits** | The value the organization expects to receive from having the functionality described. Ideally this is a link directly to a Business Objective |
| **Frequency of Use** | How often the Use Case is executed |
| **Triggers** | Concrete actions made by the user within the system to start the Use Case |
| **Preconditions** | Any states that the system must be in or conditions that must be met before the Use Case is started |
| **Postconditions** | Any states that the system must be in or conditions that must be met after the Use Case is completed successfully. These will be met if the Main Course or any Alternate Courses are followed. Some Exceptions may result in failure to meet the Postconditions |
| **Main Course** | The most common path of interactions between the user and the system   1. Step 1 2. Step 2 |
| **Alternate Course** | Alternate paths through the system  AC1:<condition for the alternate to be called>   1. Step 1 2. Step 2   AC2: <condition for the alternate to be called>   1. Step 1 |
| **Exceptions** | Exception handling by the system  EX1:<condition for the exception to be called>   1. Step 1 2. Step 2   EX2: <condition for the exception to be called>   1. Step 1 |

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| **Name** | SelectDate |
| **ID** | 0001 |
| **Description** | User selects the date they would like to see movies and show times for |
| **Actors** | Primary Actor: Customer Secondary Actor: Movie Theater |
| **Organizational Benefits** | The movie theater will display the show times and dates letting customers know when to come to the theater |
| **Frequency of Use** | When customers select a date |
| **Triggers** | Selecting the day from a calendar drop box or by manually entering a date |
| **Preconditions** | Must navigate to website main page. Must contain a future date, no more than 2 weeks out |
| **Postconditions** | Will go to ShowMovieTimes |
| **Main Course** | The most common path of interactions between the user and the system   1. Arrive at main page NowPlaying 2. Click on SelectDate |
| **Alternate Course** | Alternate paths through the system  AC1: NowPlaying   1. Click on any movie(NowPlaying) on main screen |
| **Exceptions** | Exception handling by the system  EX1:<DateError>   1. Date entered is already pasted or too much in future 2. Navigates back to SelectDate |

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| **Name** | WatchTrailer |
| **ID** | 0002 |
| **Description** | User selects movie trailer to watch |
| **Actors** | Primary Actor: Customer |
| **Organizational Benefits** | Promotes movies |
| **Frequency of Use** | When customers come to the site to find show times maybe use multiple times, or may not use at all |
| **Triggers** | Selecting the movie icon WatchTrailer |
| **Preconditions** | Selected from main page (Now Playing) or from Show Movie Times |
| **Postconditions** | Play movie |
| **Main Course** | The most common path of interactions between the user and the system  1. Arrive at main page NowPlaying  2. Click on SelectDate  3. Click on WatchTrailer |
| **Alternate Course** | Alternate paths through the system  AC1: NowPlaying   1. Click on any movie icon (NowPlaying) on main screen |

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| **Name** | ChooseSeats |
| **ID** | 0003 |
| **Description** | User selects the seats they would like to purchase |
| **Actors** | Primary Actor: Customer Secondary Actor: Movie Theater |
| **Organizational Benefits** | The movie theater will give the option to reserve seats in advance, providing customer satisfaction |
| **Frequency of Use** | When customers select seat options |
| **Triggers** | Selecting the seat option on main page or in selected date pages |
| **Preconditions** | Must navigate to website main page or after selecting a date to view movies on a specific date |
| **Postconditions** | Will go to PurchaseSeats |
| **Main Course** | The most common path of interactions between the user and the system   1. Arrive at main page NowPlaying 2. Click on SelectDate 3. Choose date 4. ChooseSeats |
| **Alternate Course** | Alternate paths through the system  AC1: NowPlaying(Main Page)   1. Click on any movie(NowPlaying) on main screen 2. Click ChooseSeats |
| **Exceptions** | Exception handling by the system  EX1:<SeatError>   1. Seat entered is not available 2. Navigates back ChooseSeats |

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| **Name** | ShowMovieTimes |
| **ID** | 0004 |
| **Description** | Shows the day and time movies will be playing |
| **Actors** | Primary Actor: Customer |
| **Organizational Benefits** | The movie theater will display the show times and dates letting customers know when to come to the theater |
| **Frequency of Use** | When customers SelectDate |
| **Triggers** | Selecting the day from a calendar drop box or by manually entering a date |
| **Preconditions** | Must navigate to website main page. Must contain a future date, no more than 2 weeks out |
| **Postconditions** | ShowMovieTimes |
| **Main Course** | The most common path of interactions between the user and the system   1. Arrive at main page 2. Click on SelectDate 3. Choose date |
| **Alternate Course** | Alternate paths through the system  AC1: NowPlaying   1. Click on any movie(NowPlaying) on main screen |

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| **Name** | DateError |
| **ID** | 0005 |
| **Description** | User selects a date not available |
| **Actors** | Primary Actor: Customer |
| **Organizational Benefits** | The movie theater can’t display a show time not avaliable |
| **Frequency of Use** | When customers enters a wrong date |
| **Triggers** | Selecting the wrong date |
| **Preconditions** | Selecting wrong date |
| **Postconditions** | Will show error message |
| **Main Course** | The most common path of interactions between the user and the system   1. Arrive at main page 2. Click on SelectDate 3. Choose a wrong date |

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| **Name** | PurchaseSeats |
| **ID** | 0006 |
| **Description** | User selects seats to purchase in advance |
| **Actors** | Primary Actor: Customer Secondary Actor: Movie Theater |
| **Organizational Benefits** | The movie theater will display the show times and dates letting customers know when to come to the theater and they can purchase and reserve seats in advance |
| **Frequency of Use** | When customers wants to reserve seats |
| **Triggers** | ChooseSeats |
| **Preconditions** | ChooseSeats needs to be selected |
| **Postconditions** | Show receipt and send email confirmation |
| **Main Course** | The most common path of interactions between the user and the system   1. Arrive at main page 2. Click on ChooseSeats 3. Choose date 4. PurchaseSeats 5. Select RegularSeats or VIPSeats |
| **Alternate Course** | Alternate paths through the system  AC1: NowPlaying   1. Click on any movie(Now Playing) on main screen 2. PurchaseSeats 3. RegularSeats or VIPSeats |
| **Exceptions** | Exception handling by the system  EX1:<InvalidTransaction>   1. If payment did not go through InvalidTransaction error pops up |

<https://seilevel.com/business-analyst-resources/business-requirements-models-templates/use-cases/>