# Use Case # 1: *Signup*

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| GENERAL CHARACTERISTICS | | | |
| **Author** | | MVC Unicorns | |
| **Primary Actor** | | Customer | |
| **Secondary Actors** | | None | |
| **Description** | | Customer register in Magic Clothing Printing | |
| **Preconditions** | | Browse index page | |
| **Trigger** | | Signup | |
| **Success Post Condition** | | Customer created | |
| **Failed Post Condition** | | Customer already exist | |
| MAIN FLOW | | | |
| **Step** | **Action** | | |
| 1 | The user click on signup button | | |
| 2 | The system reload the form with the fields: First Name, Last Name, email, Street, City, State, Zip code, Phone number, Password and Confirm password; and the button Sign up | | |
| 3 | The user fills the fields: First Name, Last Name, email, Street, Zip code, Phone number, Password and Confirm password and click on sign up | | |
| 4 | The system validate the values filled by the user. Alternative flow Validations | | |
| 5 | The system creates a new customer with the user’s input and forward the user to the log in page. | | |
|  | Use case ends | | |
| ALTERNATIVE FLOW Validation | | | |
| **Step** | **Branching Action** | | |
| 4.1 | The system validate that the fields: First Name, Last Name, email, Street, Zip code, Phone number, Password and Confirm password are not empty. If no error founds goes back to step 5 in the main flow otherwise, If an error is found display the message: “ field name“ must have a value. | | |
| 4.2 | The system validate that the input in password and confirm password has the same information. If no error founds goes back to step 5 in the main flow otherwise, If an error is found display the message: “password and confirm password are not the same”. | | |
| 4.3 | Alternative flow Validation ends. | | |
| RELATED INFORMATION | | | |
| **Performance** | | |  |
| **Frequency** | | |  |
| **NOTES & ISSUES** | | |  |
| **Future Considerations** | | |  |

# Use Case # 2: *Login*

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| GENERAL CHARACTERISTICS | | | |
| **Author** | | MVC Unicorns | |
| **Primary Actor** | | Customer | |
| **Secondary Actors** | | Admin | |
| **Description** | | Customer or Admin logs in the system | |
| **Preconditions** | | Customer signup and Admin created in the system | |
| **Trigger** | | Login | |
| **Success Post Condition** | | Customer and Admin signs in in their sessions | |
| **Failed Post Condition** | | Email or password incorrect | |
| MAIN FLOW | | | |
| **Step** | **Action** | | |
| 1 | The user click on the login button | | |
| 2 | The system display the login form with the fields: email and password; and the log | | |
| 3 | The user fills the email and password and click on the login button. | | |
| 4 | The system validate the values filled by the user. Alternative flow Validations. | | |
| 5 | The system login the user in the system. | | |
|  | Use case ends | | |
| ALTERNATIVE FLOWS | | | |
| **Step** | **Branching Action** | | |
| 4.1 | The system validate that the email or password exist in the database system. If it doesn’t the system displays the message: “the email or password doesn’t exist in our database, please confirm the information and try again”. If the email does exist go to alternative flow 4.2 | | |
| 4.2 | The system validate that the password enter for the email has the same match in the database system. If it doesn’t the system displays the message: “The password is not correct for the email”. If the password is correct goes back to step 5 in the main flow flow. | | |
| 4.3 | Alternative flow Validation ends. | | |
| RELATED INFORMATION | | | |
| **Performance** | | |  |
| **Frequency** | | |  |
| **NOTES & ISSUES** | | |  |
| **Future Considerations** | | |  |

**Use Case # 3: *Request Printing Service***

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| GENERAL CHARACTERISTICS | | | |
| **Author** | | MVC Unicorns | |
| **Primary Actor** | | Customer | |
| **Secondary Actors** | | None | |
| **Description** | | The customer create and order with printing services | |
| **Preconditions** | | Customer login | |
| **Trigger** | | Request printing service | |
| **Success Post Condition** | | Create a printing service order | |
| **Failed Post Condition** | |  | |
| MAIN FLOW | | | |
| **Step** | **Action** | | |
| 1 | The user logs in. | | |
| 2 | The system display the form with the fields: Select Item, Price per Unit, Select Units, Total price, Upload image and the add item, save Order, Proceed payment, Customer order history and Log out button. | | |
| 3 | The user selects the item name. | | |
| 4 | The system display the price for the item selected by the user. | | |
| 5 | The user fills the amount of units and clicks on the add button. | | |
| 6 | The system validate the value filled by the user. Alternative flow validations. And add the item to the final order table show in the same page with the field: Items, Units, Total price and Options. | | |
| 7 | The user finishes the order and click the Proceed payment button. Alternative flow buttons. | | |
| 8 | The system goes to use case #4 | | |
|  | Use case ends | | |
| ALTERNATIVE FLOWS Validations | | | |
| **Step** | **Branching Action** | | |
| 6.1 | The system validate that the field Units is not empty, if it is not, goes back to step 7, if is empty display message: “Units must have a value” | | |
| 6.2 | Alternative flow Validation ends. | | |
| ALTERNATIVE FLOW Button | | | |
| **Step** | **Branching Action** | | |
| 7.1 | The user clicks on the save button. | | |
| 7.2 | The system saves the order in the database. Goes to 7.3 | | |
| 7.3 | The user clicks on the Customer order history button | | |
| 7.4 | The system goes to use case #5 | | |
|  | Alternative flow button ends. | | |
| RELATED INFORMATION | | | |
| **Performance** | | |  |
| **Frequency** | | |  |
| **NOTES & ISSUES** | | |  |
| **Future Considerations** | | |  |

**Use Case #** **4: *Payment information***

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| GENERAL CHARACTERISTICS | | | |
| **Author** | | MVC Unicorns | |
| **Primary Actor** | | Customer | |
| **Secondary Actors** | | None | |
| **Description** | | Customer pay an order of printing services | |
| **Preconditions** | | Order created | |
| **Trigger** | | Payment | |
| **Success Post Condition** | | User pays an printing services order | |
| **Failed Post Condition** | |  | |
| MAIN FLOW | | | |
| **Step** | **Action** | | |
| 1 | The user clicks on the check out button from the order. | | |
| 2 | The system displays the form with the fields: Order Id, Total, Payment Type and Card Number, Expiration date, Security Number: and the Log out and pay! button. | | |
| 3 | The user selects the type of payment and fills the information for the car number; and clicks on the pay! button | | |
| 4 | The system validate the value filled by the user. Alternative flow validations. | | |
| 5 | The system save the payment information and change the status to Processing. | | |
|  | Use case ends | | |
| ALTERNATIVE FLOWS | | | |
| **Step** | **Branching Action** | | |
| 4.1 | The system validate that the field Card Number is not empty. If the field is not empty goes back to step 5 in the main flow otherwise, if the field is empty display the message: “ Card Number must have a value” | | |
| 4.2 | Alternative flow Validation ends. | | |
| RELATED INFORMATION | | | |
| **Performance** | | |  |
| **Frequency** | | |  |
| **NOTES & ISSUES** | | |  |
| **Future Considerations** | | |  |

**Use Case # 5: *Order report***

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| GENERAL CHARACTERISTICS | | | |
| **Author** | | MVC Unicorns | |
| **Primary Actor** | | Customer | |
| **Secondary Actors** | | None | |
| **Description** | | The customer is able to view all his previous and current requests and a detailed report for each of the orders | |
| **Preconditions** | | The user is logged into the system and is currently on the request order page | |
| **Trigger** | |  | |
| **Success Post Condition** | | The user can view all his current and previous orders | |
| **Failed Post Condition** | | No orders related to the customer. | |
| MAIN FLOW | | | |
| **Step** | **Action** | | |
| 1 | The user clicks on the order history button | | |
| 2 | The system loads the view with a table containing the columns for each order: Order Id, Total, Status, Payment, Feedback and Log out button. Each column contains details about the order | | |
| 3 | Alternative Flows: Use Case 4 - Payment Information, Use Case 6 -Feedback | | |
|  | Use case ends | | |
| ALTERNATIVE FLOWS | | | |
| **Step** | **Branching Action** | | |
|  | No alternative flow | | |
| RELATED INFORMATION | | | |
| **Performance** | | |  |
| **Frequency** | | |  |
| **NOTES & ISSUES** | | |  |
| **Future Considerations** | | |  |

**Use Case** **# 6: *Feedback***

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| GENERAL CHARACTERISTICS | | | |
| **Author** | | MVC Unicorns | |
| **Primary Actor** | | Customer | |
| **Secondary Actors** | | None | |
| **Description** | | The customer gives feedback about the printing service after it has been Completed | |
| **Preconditions** | | The user must be logged in into the system on the order history page. A couple of completed orders are available | |
| **Trigger** | |  | |
| **Success Post Condition** | | The feedback has been submitted by the customer | |
| **Failed Post Condition** | | The feedback already exists | |
| MAIN FLOW | | | |
| **Step** | **Action** | | |
| 1 | The user clicks on Feedback button | | |
| 2 | The system loads the feedback page with the fields: Order Id, Rating, Feedback and Improvements and clicks on Give feedback and Log out button | | |
| 3 | The used fills all the fields from step 2 with valid data | | |
| 4 | The system validates the values filled by the user. Alternative flow Validations | | |
| 5 | The system creates a new feedback for the selected order with user input and forwards the user to the order history page. | | |
|  | Use case ends | | |
| ALTERNATIVE FLOWS | | | |
| **Step** | **Branching Action** | | |
| 4.1 | The system validate that the fields: Rating, Feedback are not empty. | | |
| 4.2 | Alternative flow Validation ends. | | |
| RELATED INFORMATION | | | |
| **Performance** | | |  |
| **Frequency** | | |  |
| **NOTES & ISSUES** | | |  |
| **Future Considerations** | | |  |

**Use Case** **# 7:** ***Logout***

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| GENERAL CHARACTERISTICS | | | |
| **Author** | | MVC Unicorns | |
| **Primary Actor** | | Customer | |
| **Secondary Actors** | | Admin | |
| **Description** | | Customer is logging out from the system | |
| **Preconditions** | | Customer must be logged in into the system | |
| **Trigger** | |  | |
| **Success Post Condition** | | Customer logged out successfully | |
| **Failed Post Condition** | | Customer is not logged out | |
| MAIN FLOW | | | |
| **Step** | **Action** | | |
| 1 | The user clicks on log out button | | |
| 2 | The system loads the form with welcome page of the application. | | |
| 3 | The user is logged out of the system and has no access to order requests. | | |
| 4 | Repeat step 1 from somewhere else from into the application | | |
|  | Use case ends | | |
| ALTERNATIVE FLOWS | | | |
| **Step** | **Branching Action** | | |
|  | No alternative flow | | |
| RELATED INFORMATION | | | |
| **Performance** | | |  |
| **Frequency** | | |  |
| **NOTES & ISSUES** | | |  |
| **Future Considerations** | | |  |

**Use Case** **# 8:** ***View service request***

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| GENERAL CHARACTERISTICS | | | |
| **Author** | | MVC Unicorns | |
| **Primary Actor** | | Admin | |
| **Secondary Actors** | | None | |
| **Description** | | Allows to the admin to have a view of all the services request in the system. | |
| **Preconditions** | | Service requested | |
| **Trigger** | |  | |
| **Success Post Condition** | | The admin is able to view all requests made by the customers | |
| **Failed Post Condition** | | The admin is able to view partial or no requests made by the customer | |
| MAIN FLOW | | | |
| **Step** | **Action** | | |
| 1 | The admin logs into the system | | |
| 2 | The system reloads the form with the fields: Order Id, Customer Name, Customer Email, Status, Edit option and Log out button. | | |
| 3 | The admin clicks on Edit option | | |
| 4 | The view with list of order requests is displayed. The list contains Item name, Item Price, Item Units, Item Picture, Total Price and Request Status. Request Status has several options: Pending, Processing, Pick Up, Printing, Delivery, Completed | | |
|  | Use case ends | | |
| ALTERNATIVE FLOWS | | | |
| **Step** | **Branching Action** | | |
|  | No alternative flow | | |
| RELATED INFORMATION | | | |
| **Performance** | | |  |
| **Frequency** | | |  |
| **NOTES & ISSUES** | | |  |
| **Future Considerations** | | |  |

**Use Case** **# 9:** ***Process service request***

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| GENERAL CHARACTERISTICS | | | |
| **Author** | | MVC Unicorns | |
| **Primary Actor** | | Admin | |
| **Secondary Actors** | | None | |
| **Description** | | Admin changes the status of the order | |
| **Preconditions** | | Admin logged into the system | |
| **Trigger** | |  | |
| **Success Post Condition** | | Status of the request is updated | |
| **Failed Post Condition** | | Status of the request is not updated | |
| MAIN FLOW | | | |
| **Step** | **Action** | | |
| 1 | Admin clicks on Edit option of the request from Order history list | | |
| 2 | The view with list of order requests is displayed. The list contains Item name, Item Price, Item Units, Item Picture, Total Price and Request Status. Request Status has several options: Pending, Processing, Pick Up, Printing, Delivery, Completed and Log out button | | |
| 3 | Admin changes the status of the Request and clicks on Save | | |
| 4 | The system changes the Status of the order to the one selected by the admin | | |
|  |  | | |
|  | Use case ends | | |
| ALTERNATIVE FLOWS | | | |
| **Step** | **Branching Action** | | |
|  | No alternative flow | | |
| RELATED INFORMATION | | | |
| **Performance** | | |  |
| **Frequency** | | |  |
| **NOTES & ISSUES** | | |  |
| **Future Considerations** | | |  |