## Capstone: Use Case Descriptions

Information Systems Development and Design and Capstone Course (IS-5303)

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| Use Case Name: **Vendor Registration Process** | ID: UC01:SOD01 |
| Primary Actor: Vendors | |
| Short Description: It is the process using which the vendors will request for registration in [www.serveondoor.com](http://www.serveondoor.com) ecommerce website. | |
| Successful Completion   1. Registration form populated after vendor request for registration. 2. Registration is accepted. 3. Vendor goes to home page. 4. Registration details saved in User Information table in database. 5. Registration details sent to the system administrators. | |
| Alternative Course   1. Registration form populated after vendor request for registration. 2. Duplicate registration generates failure response as popup. 3. Vendors goes to home page | |
| Precondition   1. NA | |
| Post Condition   1. Registration confirmation sent to the vendors via email. | |

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| Use Case Name: **Vendor Login Process** | ID: UC02:SOD02 |
| Primary Actor: Vendors | |
| Short Description: This process will verify the vendor’s login credentials and grant access to the system | |
| Successful Completion   1. Vendor enters login credentials. 2. Credentials will be verified from User Credential table. 3. Vendor login successful. 4. Vendors go to advertisement page. | |
| Alternative Course   1. Vendors enter login credentials. 2. Vendor verification fails. 3. Vendors go to home page. | |
| Precondition   1. Vendors should be a valid registered user. | |
| Post Condition   1. Vendors can submit request for advertisement. 2. Vendors can respond to customers. | |

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| Use Case Name: **Advertisement Process** | ID: UC03:SOD03 |
| Primary Actor: Vendors, System Administrators | |
| Short Description: Vendors will use this process to submit request for advertisement. System administrators have to validate the advertisement before publishing it to [www.serveondoor.com](http://www.serveondoor.com) ecommerce website. | |
| Successful Completion   1. Vendor filled the online advertisement form. 2. Vendor submits the advertisement form for verification. 3. Vendor receives email of submission. 4. System administrators receive the request. 5. System administrators validate the advertisement details. 6. Advertisement accepted and details will be stored in System Administrators table. 7. Advertisement published in [www.serveondoor.com](http://www.serveondoor.com). 8. Notification sent to Vendor. | |
| Alternative Course   1. Vendor filled the online advertisement form. 2. Vendor submits the advertisement form for verification. 3. Vendor receives email of submission. 4. System administrators receive the request. 5. System administrators validate the advertisement details. 6. System administrators reject the request of advertisement. 7. Rejection details sent to the vendor. | |
| Precondition   1. Vendor is registered. 2. Vendor is logged in to his profile. | |
| Post Condition   1. Advertisement update request. 2. Advertisement removed once advertisement time expires. | |

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| Use Case Name: **Service Request Process** | ID: UC04:SOD04 |
| Primary Actor: Customers, Vendors, System Administrators | |
| Short Description: With this process customers can request for various service request from [www.serveondoor.com](http://www.serveondoor.com) website. Customers will have vendors and services options to select from. Once service request is made, the details are directly sent to the vendor for fulfillment. | |
| Successful Completion   1. Customer selects the vendors after checking advertisements and rates. 2. Customer selects the service types. 3. Customer enters personal details. 4. Customer enters payment details. 5. Customer fills other details and submits. 6. Request details will be saved in Service Request table in database. 7. Customer received email with Service request details. 8. Vendor receives the Service request. 9. Vendor accepts the request. 10. Email confirmation and invoice sent to customer over email. 11. Service request details sent to system administrators | |
| Alternative Course   1. Customer selects the vendors after checking advertisements and rates. 2. Customer selects the service types. 3. Customer fills details about the service request and submits. 4. Customer received email with Service request details. 5. Vendor receives the Service request. 6. Vendor rejects the request with details. 7. Rejection email sent to customer. | |
| Precondition   1. NA | |
| Post Condition   1. Customer request new service request. 2. Customer checks for new options. | |

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| Use Case Name: **Payment Process** | ID: UC05:SOD05 |
| Primary Actor: Customer, Payment Gateway, System Administrators | |
| Short Description: This process is responsible to accept and confirm the payment requested by customer during making a service request. | |
| Successful Completion   1. Customer fills payment details 2. Payment gateway checks payment details with Banks. 3. Payment Gateway acknowledges payment. 4. Customer receives the invoice details. 5. Customer moves to next page in service request. | |
| Alternative Course   1. Customer fills payment details 2. Payment gateway checks payment details with Banks. 3. Bank rejects payment. 4. Payment Gateway acknowledges payment failure. 5. Customer receives failure notification. 6. Customer goes to previous page. | |
| Precondition   1. NA | |
| Post Condition   1. Customer retries with new payment option. | |