**USE CASES**

1. ***Resident Register***

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| **Use Case Number** | BSSVUC01 | |
| **Use Case** | Resident Register | |
| **Scenario** | Registration of resident | |
| **Triggering Event** | Manage Account | |
| **Brief Description** | The Resident registers an account which involves providing personal information. | |
| **Actors** | Resident | |
| **Related Use Cases** | Includes: | |
| **Stakeholders** | Barangay Captain: view the registered account | |
| **Preconditions** | Residents should reside in Barangay South Signal Village | |
| **Postconditions** | Resident account will be created | |
| **Flow of Activities** | **Actor** | **Flow of Activities** |
| 1. From the services tab click on register 2. Click Yes, I’m 18 years old and above. 3. Click Accept Data Privacy Notice 4. Fill out Personal Information/ Address/ Account Information 5. Check the box understood, and accepted Privacy Policy and Terms & Conditions 6. Click Submit 7. Go to your registered email account. 8. Click the link to verify account. | 1.1 Show age confirmation.  2.1 Show Data Privacy Notice   3.1 Display Registration Form   6.1 Validate Inputted Form   6.2 Send email verification.   8.1 Add Resident Details into Resident Database.  8.2 Display confirmation of account |
| **Exception Conditions** | 2.1 If the resident did not click yes, do not redirect to the registration form.  3.1 If the resident did not Accept Data Privacy Notice, do not redirect to the registration form.  5.1 If the resident did not check the box, the account would not be registered.  8.1 If the resident did not click the verification link, the user would not be registered | |

1. ***Resident Login***

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| **Use Case Number** | BSSVUC02 | |
| **Use Case** | Resident Login | |
| **Scenario** | Resident Login Account | |
| **Triggering Event** | Manage Account | |
| **Brief Description** | When Residents Login to the account, the residents can use the functions of the Barangay South Signal Village Account such as request documents and submit their concerns to the barangay online. | |
| **Actors** | Resident | |
| **Related Use Cases** | N/A | |
| **Stakeholders** | Barangay Captain: views the report from the resident. | |
| **Preconditions** | Resident must be logged-in | |
| **Postconditions** | Resident account should be verified as a member | |
| **Flow of Activities** | **Actor** | **Flow of Activities** |
| 1. Residents must go to the website and click Online Services 2. Residents input credentials (email and password) and click log-in button | 1.1 Display Home Page  1.2 Display Log-in Page  2.1 Display Resident Account Dashboard |
| **Exception Conditions** | 2.1 If the Resident provided an incorrect email or password, then it will show a log-in error message. | |

1. ***Resident Update Personal Information***

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| **Use Case Number** | BSSVUC03 | |
| **Use Case** | Resident Update Personal Information | |
| **Scenario** | Resident Update Account | |
| **Triggering Event** | Manage Account | |
| **Brief Description** | When the Resident updates the account, the residents can use the limited functions of the Barangay South Signal Village such as being able to update email address, mobile number, and change password. | |
| **Actors** | Resident | |
| **Related Use Cases** | Includes: Create Employee Account | |
| **Stakeholders** | Barangay Captain: views the generated report from the resident. | |
| **Preconditions** | Resident must be logged-in | |
| **Postconditions** | Residents must be present.  Requirement should be valid | |
| **Flow of Activities** | **Actor** | **Flow of Activities** |
| 1. Residents must go to the website and click Online Services 2. Residents input credentials (email and password) and click the log-in button. 3. Residents click My Profile tab. 4. Residents click the edit button besides the information wanted to edit and input necessary information required in the form. 5. Resident clicks submit button. 6. Resident should see a confirmation from the web app | 1.1 Display Home Page  1.2 Display Log-in Page  2.1 Display Resident Account Dashboard  3.1 Display Account Information  3.2 Display form for changing information  4.1 Check for input validation  7.1 Update Resident Details    7.2 Display confirmation of the account |
| **Exception Conditions** | 2.1 If the Resident inputted wrong email or password, then show log-in error message.  4.1 If Resident does not fill in all the information properly and have the same existing email and phone number, then an error message appears, and the wrong form will be highlighted.  6.1 If Resident fails to input the OTP three times, then the registration of the account will be denied. | |

1. ***Resident Reset Password***

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| **Use Case Number** | BSSVUC04 | |
| **Use Case** | Resident Reset Password | |
| **Scenario** | Resident wants to reset their password | |
| **Triggering Event** | Resident password change | |
| **Brief Description** | The resident registers an account which involves providing personal information. | |
| **Actors** | Resident | |
| **Related Use Cases** | Includes: | |
| **Stakeholders** | Barangay Captain: view the registered account | |
| **Preconditions** | Residents should reside in Barangay South Signal Village | |
| **Postconditions** | Resident will change password | |
| **Flow of Activities** | **Actor** | **Flow of Activities** |
| 1. Click the side bar and locate My Profile 2. Click and Locate Change Password 3. Input Old and New Password   3.1 Click Save | 1. Login Page 2. Resident Personal Information Page 3. Change Password Tab |
| **Exception Conditions** | 2. Resident did not click Change Password  3. Resident inputs wrong password  3.1 Resident did not put the correct password requirements.   3.2 Resident did not click the Save button. | |

1. ***Resident Online Request***

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| **Use Case Number** | BSSVUC05 | |
| **Use Case** | Resident Online Request | |
| **Scenario** | Create New Request | |
| **Triggering Event** | Manage Request | |
| **Brief Description** | When the residents want to use the Barangay South Signal Village Web App, they can create new requests for their documents or events. | |
| **Actors** | Barangay Residents | |
| **Related Use Cases** | Includes: Manage Concern | |
| **Stakeholders** | Barangay Captain: views the generated report from the resident. | |
| **Preconditions** | Resident must be present Requested document must exist Requirement should be valid | |
| **Postconditions** | The barangay cashier must provide an official receipt to the Residents.  The requested barangay document should have a signature or dry seal stamp from the barangay.  The official receipt and request form should be recorded in the database | |
| **Flow of Activities** | **Actor** | **Flow of Activities** |
| 1. Residents must go to the website and click Online Request 2. Residents input credentials (email and password) and click the log-in button. 3. Resident clicks the type of document being requested and uploads necessary requirements. 4. Residents click the submit button to proceed. | 1.1 Display Home Page  1.2 Display Log-in Page  2.1 Display Resident Account Dashboard  3.1 Display document information  4.1 Save the Request Details to Request Database  4.2 Display details for submitted document request and the transaction key.  4.3 Send the confirmation through email. |
| **Exception Conditions** | 2.1 If the Resident provided the wrong email or password, then show log-in error message.  4.1 If the Resident did not meet the requirements of the document, then the transaction will be terminated | |

1. ***Resident Track Request Status***

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| **Use Case Number** | BSSVUC06 | |
| **Use Case** | Resident Track Request Status | |
| **Scenario** | Track Request | |
| **Triggering Event** | Manage Request | |
| **Brief Description** | When the residents want to use the Barangay South Signal Village Web App, they can track request status to know the status of their request. | |
| **Actors** | Barangay Residents | |
| **Related Use Cases** | When the residents want to use the Barangay South Signal Village Web App, they can track request status to know the status of their request. | |
| **Stakeholders** | Barangay Captain: views the generated report from the resident. | |
| **Preconditions** | Resident must be present Requested document must exist Requirement should be valid | |
| **Postconditions** | The barangay cashier must provide an official receipt to the Residents.  The requested barangay document should have a signature or dry seal stamp from the barangay.  The official receipt and request form should be recorded in the database | |
| **Flow of Activities** | **Actor** | **Flow of Activities** |
| 1. Residents must go to the website and click Track Request 2. Residents input request key | 1.1 Display Home Page  1.2 Display Track Request Page  2.1 Display request information and status |
| **Exception Conditions** | 2.1 If the Resident provided the wrong email or password, then show log-in error message.  4.1 If the Resident did not meet the requirements of the document, then the transaction will be terminated | |

1. ***Resident Submit a Concern***

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| **Use Case Number** | BSSVUC07 | |
| **Use Case** | Resident Submit a Concern | |
| **Scenario** | Submit New Concern | |
| **Triggering Event** | Manage Concern | |
| **Brief Description** | When the Resident wants to Manage Concern to the account, the residents can use the functions of the Barangay South Signal Village Web App such as managing and submitting a concern. | |
| **Actors** | Barangay Residents | |
| **Related Use Cases** | Includes: Manage Request | |
| **Stakeholders** | Barangay Captain: views the generated report from the resident. | |
| **Preconditions** | Resident must be present Requested document must exist Requirement should be valid | |
| **Postconditions** | The barangay cashier must provide an official receipt to the Residents  The requested barangay document should have a signature or dry seal stamp from the barangay  The official receipt and request form should be recorded in the database | |
| **Flow of Activities** | **Actor** | **Flow of Activities** |
| 1. Residents must go to the website and click Online Request 2. Residents input credentials (email and password) 3. Residents click the log-in button. 4. Residents click the Submit Concern Button and input necessary information about the concern. 5. Residents click the submit button to proceed. | 1.1 Display Home Page  1.2 Display Log-in Page   3.1 Display Resident Account Dashboard  4.1 Display information about the services concerned.  5.1 Save the Concern Details to the Concern Database  5.2 Display details for submitted concern and transaction key.  5.3 Send the confirmation through email. |
| **Exception Conditions** | 2.1 If the Resident provided the wrong email or password, then show log-in error message.  4.1 If the Resident did not input the information properly, then the concern service will be terminated | |

1. ***Resident Track Concern Status***

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| **Use Case Number** | BSSVUC08 | |
| **Use Case** | Resident Track Concern Status | |
| **Scenario** | Track Concern | |
| **Triggering Event** | Manage Concern | |
| **Brief Description** | When the Resident wants to Track Concern Status, the residents can use the functions of the Barangay South Signal Village Web App if the residents want to know its status. | |
| **Actors** | Barangay Residents | |
| **Related Use Cases** | Includes: Manage Concern | |
| **Stakeholders** | Barangay Captain: views the generated report from the resident. | |
| **Preconditions** | Resident must be present Requested document must exist Requirement should be valid | |
| **Postconditions** | The barangay cashier must provide an official receipt to the Residents  The requested barangay document should have a signature or dry seal stamp from the barangay  The official receipt and request form should be recorded in the database | |
| **Flow of Activities** | **Actor** | **Flow of Activities** |
| 1. Residents must go to the website and click Track Request 2. Residents input concern key | 1.1 Display Home Page  1.2 Display Track Request Page  2.1 Display concern information and status |
| **Exception Conditions** | 2.1 If the Resident provided the wrong concern key, then it will show an error message. | |

1. ***Resident Payment Option***

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| **Use Case Number** | BSSVUC09 | |
| **Use Case** | Resident Payment Option | |
| **Scenario** | Selection of Payment Option | |
| **Triggering Event** | Manage Request | |
| **Brief Description** | When the Residents request requirements, he/she will choose an option for his/her payment. | |
| **Actors** | Barangay Residents | |
| **Related Use Cases** | Includes: Manage Request | |
| **Stakeholders** | Barangay Captain: checks whether the resident have already settled the payment. | |
| **Preconditions** | Resident must be present Requested document must exist Requirement should be valid | |
| **Postconditions** | The barangay cashier must provide an official receipt to the Residents  The requested barangay document should have a signature or dry seal stamp from the barangay  The official receipt and request form should be recorded in the database | |
| **Flow of Activities** | **Actor** | **Flow of Activities** |
| 1. Residents must request valid requirements. 2. Residents must go to the Payment page and click process payment. 3. Residents choose payment options and pay their requested requirements | 1. Display Home Page    1. Display request form and reference key 2. Display requested requirements information including the type of request and reference key. 3. Display payment options and direct to pay mongo. |
| **Exception Conditions** | 2.1 If the Resident provided the wrong mobile number for their e-wallet and wrong pin, then it will show an error message. | |