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| **Test Case Name** |
| Testing Web service API **verifyHealthWorker()** through RestClient |

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| **Test Case ID** | TC1 | **Created By** | Charu Gupta |
| **Functional Description** | Validate Health Worker through Health-Worker ID. |  | 24-Sep -2014 |

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| **Requirements Covered** |
| Health Worker validation using the web service exposed API verifyHealthWorker (). |

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| **Purpose of test** |
| Testing the functionality of the web-service APIs as exposed by mHealth Data Interface. |

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| **Input Test Data** |
| Health Worker ID |

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| **Prerequisites** |
| Internet connectivity is needed from which the exposed web service can be consumed.  Motech Backend needs to be setup  OpenMRS application with database needs to be setup in same server  Module mHealthDataInterface needs to be added into Motech Backend  RestClient Plugin needs to be installed in browser (Mozilla/chrome).  URL : http://localhost:8080/motech-platform-server/module/mHealthDataInterface/verifyHealthWorker/{healthWorkerId} |

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| **Test Steps** |
| |  |  |  | | --- | --- | --- | | **#** | **Description** | **Expected Outcome** | | **TC1.01** | Health Worker Exists | Valid Health Worker | | **TC1.02** | Health Worker Does Not Exist | Invalid Health Worker | | **TC1.03** | Exception occurred | Invalid Health Worker | | **TC1.04** | OpenMRS module is not available | Invalid Health Worker | |
| **Actual Outcome** |
| |  |  | | --- | --- | | **TC1.01** | A message is displayed : Valid Health Worker | | **TC1.02** | A message is displayed : Invalid Health Worker | | **TC1.03** | A message is displayed : Invalid Health Worker | | **TC1.04** | A message is displayed : Invalid Health Worker | |

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| **Results** |
| |  |  |  |  | | --- | --- | --- | --- | | **#** | **Date Run** | **Run By** | **Results** | | **TC1.01** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\verify_health_valid.png | | | **Actual Output:** "valid health worker" | | | **TC1.02** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\verify_health_invalid.png | | | **Actual Output:** "invalid health worker" | | | **TC1.03** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\verify_health_invalid.png | | | **Actual Output:** "invalid health worker" | | | **TC1.04** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\verify_health_invalid.png | | | **Actual Output:** "invalid health worker" | | |

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| **Test Case Name** |
| Testing Web service API **getHealthWorkerDetail()** through RestClient |

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| **Test Case ID** | TC2 | **Created By** | Charu Gupta |
| **Functional Description** | Get the health worker detail through Health-Worker ID |  | 24-Sep -2014 |

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| **Requirements Covered** |
| Health Worker detail is fetched using the web service exposed API getHealthWorkerDetail(). |

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| **Purpose of test** |
| Testing the functionality of the web-service APIs as exposed by mHealth Data Interface. |

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| **Input Test Data** |
| Health Worker ID |

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| **Prerequisites** |
| Internet connectivity is needed from which the exposed web service can be consumed.  Motech Backend needs to be setup  OpenMRS application with database needs to be setup in same server  Module mHealthDataInterface needs to be added into Motech Backend  RestClient Plugin needs to be installed in browser (Mozilla/chrome).  URL : http://localhost:8080/motech-platform-server/module/mHealthDataInterface/healthWorkerDetail/{healthWorkerId} |

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| **Test Steps** |
| |  |  |  | | --- | --- | --- | | **#** | **Description** | **Expected Outcome** | | **TC2.01** | Health Worker ID exists in OpenMRS | Returns Health Worker Object as Json String | | **TC2.02** | Health Worker ID does not exist in OpenMRS | Object Not Found | | **TC2.03** | Exception occurred | Object Not Found | | **TC2.04** | OpenMRS module is not available | Object Not Found | |
| **Actual Outcome** |
| |  |  | | --- | --- | | **TC2.01** | Displays Health Worker Object as Json String | | **TC2.02** | A message is displayed : Object Not Found | | **TC2.03** | A message is displayed : Object Not Found | | **TC2.04** | A message is displayed : Object Not Found | |

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| **Results** |
| |  |  |  |  | | --- | --- | --- | --- | | **#** | **Date Run** | **Run By** | **Results** | | **TC2.01** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\health_worker_details_valid.png | | **Actual Output:** {"person":{"display":"Abhishek Gupta","uuid":"b55d11ec-0401-4700-aec0-a1b14d3cbc38","birthdateEstimated":false,"dead":false},"identifier":"100-5","retired":false,"uuid":"3b26dfa0-275a-4299-84f8-be6e8f5e28dd"} | | **TC2.02** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\health_workerdetail_invalid.png | | **Actual Output:** "object not found" | | **TC2.03** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\health_workerdetail_invalid.png | | **Actual Output:** "object not found" | | **TC2.04** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\health_workerdetail_invalid.png | | **Actual Output:** "object not found" | |

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| **Test Case Name** |
| Testing Web service API **getMotherDetail()** through RestClient |

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| **Test Case ID** | TC3 | **Created By** | Charu Gupta |
| **Functional Description** | Get the mother detail through Patient ID |  | 24-Sep -2014 |

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| **Requirements Covered** |
| Mother detail is fetched using the web service exposed API getMotherDetail (). |

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| **Purpose of test** |
| Testing the functionality of the web-service APIs as exposed by mHealth Data Interface. |

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| **Input Test Data** |
| Patient ID |

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| **Prerequisites** |
| Internet connectivity is needed from which the exposed web service can be consumed.  Motech Backend needs to be setup  OpenMRS application with database needs to be setup in same server  Module mHealthDataInterface needs to be added into Motech Backend  RestClient Plugin needs to be installed in browser (Mozilla/chrome).  URL : http://localhost:8080/motech-platform-server/module/mHealthDataInterface/motherDetail/{patientId} |

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| **Test Steps** |
| |  |  |  | | --- | --- | --- | | **#** | **Description** | **Expected Outcome** | | **TC3.01** | Patient ID exists in OpenMRS | Returns Patient Object as Json String | | **TC3.02** | Patient ID does not exist in OpenMRS | Object Not Found | | **TC3.03** | Exception occurred | Object Not Found | | **TC3.04** | OpenMRS module is not available | Object Not Found | |
| **Actual Outcome** |
| |  |  | | --- | --- | | **TC3.01** | Displays Patient Object as Json String | | **TC3.02** | A message is displayed : Object Not Found | | **TC3.03** | A message is displayed : Object Not Found | | **TC3.04** | A message is displayed : Object Not Found | |

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| **Results** |
| |  |  |  |  | | --- | --- | --- | --- | | **#** | **Date Run** | **Run By** | **Results** | | **TC3.01** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\motherdetail_valid.png | | **Actual Output:**  {"uuid":"bd8c7978-38b7-11e4-b455-3860778d36da","identifiers":[{"uuid":"bd532861-38b7-11e4-b455-3860778d36da","identifier":"101-6","identifierType":{"uuid":"8d793bee-c2cc-11de-8d13-0010c6dffd0f"},"location":{"uuid":"8d6c993e-c2cc-11de-8d13-0010c6dffd0f"}},{"uuid":"bd532636-38b7-11e4-b455-3860778d36da","identifier":"101","identifierType":{"uuid":"8d79403a-c2cc-11de-8d13-0010c6dffd0f"},"location":{"uuid":"8d6c993e-c2cc-11de-8d13-0010c6dffd0f"}}],"person":{"display":"Mr. Horatio L Hornblower Esq.","uuid":"bd8c7978-38b7-11e4-b455-3860778d36da","gender":"M","age":73,"birthdate":"May 1, 1941 12:00:20 AM","birthdateEstimated":false,"dead":false,"preferredName":{"uuid":"bdc5d0da-38b7-11e4-b455-3860778d36da","display":"Mr. Horatio L Hornblower Esq.","givenName":"Horatio","middleName":"L","familyName":"Hornblower"},"names":[{"uuid":"bdc5d0da-38b7-11e4-b455-3860778d36da","display":"Mr. Horatio L Hornblower Esq.","givenName":"Horatio","middleName":"L","familyName":"Hornblower"}],"preferredAddress":{"uuid":"bd9f7fc5-38b7-11e4-b455-3860778d36da","address1":"1050 Wishard Blvd."},"addresses":[{"uuid":"bd9f7fc5-38b7-11e4-b455-3860778d36da","address1":"1050 Wishard Blvd."}],"attributes":[{"display":"Phone Number \u003d 8569456523","uuid":"b9d55089-643e-4069-9478-aa284f7858c6","value":"8569456523","attributeType":{"uuid":"040ebec1-6c4b-4912-9713-3d2575e251cb"},"links":[{"uri":"http://localhost:8080/openmrs/ws/rest/v1/person/bd8c7978-38b7-11e4-b455-3860778d36da/attribute/b9d55089-643e-4069-9478-aa284f7858c6"},{"uri":"http://localhost:8080/openmrs/ws/rest/v1/person/bd8c7978-38b7-11e4-b455-3860778d36da/attribute/b9d55089-643e-4069-9478-aa284f7858c6?v\u003dfull"}]}]}} | | **TC3.02** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\mother_detail_invalid.png | | **Actual Output:** "object not found" | | **TC3.03** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\mother_detail_invalid.png | | **Actual Output:** "object not found" | | **TC3.04** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\mother_detail_invalid.png | | **Actual Output:** "object not found" | |

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| **Test Case Name** |
| Testing Web service API **getMotherVillage()** through RestClient |

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| **Test Case ID** | TC4 | **Created By** | Charu Gupta |
| **Functional Description** | Get the mother village / location detail through Patient ID |  | 24-Sep -2014 |

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| **Requirements Covered** |
| Mother’s location detail is fetched using the web service exposed API getMotherVillage (). |

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| **Purpose of test** |
| Testing the functionality of the web-service APIs as exposed by mHealth Data Interface. |

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| **Input Test Data** |
| Patient ID |

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| **Prerequisites** |
| Internet connectivity is needed from which the exposed web service can be consumed.  Motech Backend needs to be setup  OpenMRS application with database needs to be setup in same server  Module mHealthDataInterface needs to be added into Motech Backend  RestClient Plugin needs to be installed in browser (Mozilla/chrome).  URL : http://localhost:8080/motech-platform-server/module/mHealthDataInterface/motherVillage/{patientId} |

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| **Test Steps** |
| |  |  |  | | --- | --- | --- | | **#** | **Description** | **Expected Outcome** | | **TC4.01** | Patient ID exists in OpenMRS | Returns Location Object as Json String | | **TC4.02** | Patient ID does not exist in OpenMRS | Object Not Found | | **TC4.03** | Exception occurred | Object Not Found | | **TC4.04** | OpenMRS module is not available | Object Not Found | |
| **Actual Outcome** |
| |  |  | | --- | --- | | **TC4.01** | Displays Location Object (of Mother) as Json String | | **TC4.02** | A message is displayed : Object Not Found | | **TC4.03** | A message is displayed : Object Not Found | | **TC4.04** | A message is displayed : Object Not Found | |
| **Results** |
| |  |  |  |  | | --- | --- | --- | --- | | **#** | **Date Run** | **Run By** | **Results** | | **TC4.01** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\mother_village_valid.png | | **Actual Output:**  {"uuid":"8d6c993e-c2cc-11de-8d13-0010c6dffd0f","name":"Noida","stateProvince":"","country":""} | | **TC4.02** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\mother_village_invalid.png | | **Actual Output:** "object not found" | | **TC4.03** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\mother_village_invalid.png | | **Actual Output:** "object not found" | | **TC4.04** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\mother_village_invalid.png | | **Actual Output:** "object not found" | |

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| **Test Case Name** |
| Testing Web service API **getVisitListByMotherId()** through RestClient |

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| **Test Case ID** | TC5 | **Created By** | Charu Gupta |
| **Functional Description** | Get the list of Encounter(visit) by health worker with a particular mother |  | 24-Sep -2014 |

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| **Requirements Covered** |
| List of Encounter (visit) by health worker with a particular mother is fetched using the web service exposed API getMotherVillage (). |

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| **Purpose of test** |
| Testing the functionality of the web-service APIs as exposed by mHealth Data Interface. |

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| **Input Test Data** |
| Patient ID |

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| **Prerequisites** |
| Internet connectivity is needed from which the exposed web service can be consumed.  Motech Backend needs to be setup  OpenMRS application with database needs to be setup in same server  Module mHealthDataInterface needs to be added into Motech Backend  RestClient Plugin needs to be installed in browser (Mozilla/chrome).  URL : http://localhost:8080/motech-platform-server/module/mHealthDataInterface/visitListByMotherId/{patientId} |
| **Test Steps** |
| |  |  |  | | --- | --- | --- | | **#** | **Description** | **Expected Outcome** | | **TC5.01** | No. of visits of health workers for a mother | Returns Encounter list Object as Json Array | | **TC5.02** | Exception occurred | Object Not Found | | **TC5.03** | OpenMRS module is not available | Object Not Found | |
| **Actual Outcome** |
| |  |  | | --- | --- | | **TC5.01** | Displays Encounter list Object (of Mother) as Json Array | | **TC5.02** | A message is displayed : Object Not Found | | **TC5.03** | A message is displayed : Object Not Found | |

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| **Results** |
| |  |  |  |  | | --- | --- | --- | --- | | **#** | **Date Run** | **Run By** | **Results** | | **TC5.01** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\visit_list_valid.png | | **Actual Output:**  [{"uuid":"31659d2f-0b6b-40aa-8fb0-41bb0c3e6ec8","location":{"uuid":"8d6c993e-c2cc-11de-8d13-0010c6dffd0f","name":"Noida","stateProvince":"","country":""},"encounterType":{"name":"PEDSRETURN"},"encounterDatetime":"Sep 1, 2014 12:00:00 AM","patient":{"uuid":"fc78e961-92a1-46ef-939d-ba90d3602683","identifiers":[]},"provider":{"display":"Saurabh Mittal","uuid":"ffb3ef4b-11b5-4549-bb4a-9299b9fca22e","gender":"M","age":38,"birthdate":"May 27, 2014 12:00:00 AM","birthdateEstimated":false,"dead":false,"preferredName":{"uuid":"070dcedf-e989-4e75-8f3d-31dc7b4106bb","display":"Saurabh Mittal"},"preferredAddress":{"uuid":"0675f897-2fea-43fc-afc4-ba4039865344"},"attributes":[]}}] | | **TC5.02** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\visit_list_invalid.png | | **Actual Output:** "object not found" | | **TC5.03** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\visit_list_invalid.png | | **Actual Output:** "object not found" | |

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| **Test Case Name** |
| Testing Web service API **getMothersByVillage()** through RestClient |

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| **Test Case ID** | TC6 | **Created By** | Charu Gupta |
| **Functional Description** | Get the list of Patient (Mother) belong to a location (village) |  | 24-Sep -2014 |

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| **Requirements Covered** |
| List of Patient (Mother) belong to a village is fetched using the web service exposed API getMothersByVillage (). |

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| **Purpose of test** |
| Testing the functionality of the web-service APIs as exposed by mHealth Data Interface. |

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| **Input Test Data** |
| Location Name |

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| **Prerequisites** |
| Internet connectivity is needed from which the exposed web service can be consumed.  Motech Backend needs to be setup  OpenMRS application with database needs to be setup in same server  Module mHealthDataInterface needs to be added into Motech Backend  RestClient Plugin needs to be installed in browser (Mozilla/chrome).  URL : http://localhost:8080/motech-platform-server/module/mHealthDataInterface/ mothersByVillage/noida |

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| **Test Steps** |
| |  |  |  | | --- | --- | --- | | **#** | **Description** | **Expected Outcome** | | **TC5.01** | List of Patient (Mother), belong to a village | Returns Patient(Mother) list Object as Json Array | | **TC5.02** | Exception occurred | Object Not Found | | **TC5.03** | OpenMRS module is not available | Object Not Found | |
| **Actual Outcome** |
| |  |  | | --- | --- | | **TC5.01** | Displays Patient list Object (of Mother) as Json Array | | **TC5.02** | A message is displayed : Object Not Found | | **TC5.03** | A message is displayed : Object Not Found | |
| **Results** |
| |  |  |  |  | | --- | --- | --- | --- | | **#** | **Date Run** | **Run By** | **Results** | | **TC5.01** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Desktop\mothersbyvillage.png | | **Actual Output:**  [{"uUid":"2","name":"Horatio Hornblower","address1":"1050 Wishard Blvd.","address2":"RG5","phone":"8569456523"},{"uUid":"3","name":"John Patient","address1":"555 Johnson Rd.","address2":"Apt. 555","phone":"9871262512"},{"uUid":"4","name":"Wahida Rehman","address1":"hcl","address2":"hcl","phone":"9632587413"},{"uUid":"5","name":"Amitesh k","address1":"Noidq","address2":"Delhi","phone":"9632587413"},{"uUid":"6","name":"Rajni Rathore","address1":"abc","address2":"abc","phone":"9871262512"},{"uUid":"7","name":"Sonam Kumari","address1":"Noidq","address2":"hcl","phone":"9632587413"},{"uUid":"8","name":"Roshan Ara","address1":"Noida","address2":"hcl","phone":"8569456523"},{"uUid":"9","name":"Laila Khan","address1":"Noidq","phone":"9871262512"},{"uUid":"10","name":"Priya Ghoshal","address1":"Noidq","address2":"hcl","phone":"8569456523"},{"uUid":"11","name":"Harshita Kumari","address1":"Noidq","address2":"hcl","phone":"9871262512"},{"uUid":"12","name":"Sultana Raza","address1":"Noidq","address2":"hcl","phone":"9632587413"},{"uUid":"13","name":"Asha Rathi","address1":"Noidq","address2":"hcl","phone":"8569456523"},{"uUid":"14","name":"Vertika Gandhi","address1":"Noidq","address2":"hcl","phone":"9871262512"},{"uUid":"15","name":"Komal Kapoor","address1":"Noidq","address2":"hcl","phone":"9632587413"},{"uUid":"16","name":"Reena Kumari","address1":"Noidq","address2":"hcl","phone":"9871262512"},{"uUid":"17","name":"Koina Mitra","address1":"Noidq","address2":"hcl","phone":"8569456523"},{"uUid":"18","name":"Shreya Mittal","address1":"Noidq","address2":"hcl","phone":"9871262512"},{"uUid":"19","name":"Rehana Sultan","address1":"Noidq","address2":"hcl","phone":"9632587413"},{"uUid":"20","name":"Trisha Rathi","address1":"Noidq","address2":"hcl","phone":"9871262512"},{"uUid":"21","name":"Siya Pille","address1":"Noidq","address2":"hcl","phone":"9632587413"},{"uUid":"23","name":"Soniya Rathore","address1":"Noida","address2":"Delhi","phone":"8569456523"}] | | **TC5.02** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\mother_by_village_invalid.png | | **Actual Output:** "object not found" | | **TC5.03** | 24.09.2014 | Charu Gupta,  Gousia Ara | C:\Users\charu_g\Documents\26th\mother_by_village_invalid.png | | **Actual Output:** "object not found" | |