Android Application

* **FIND ATM**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-1 | |
| **Item(s) to be tested** | | | |
| Find ATM location near by particular radius | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| User selected radius (0.3 km, 0.6 km, 0.9 km, 1.2 km, 1.5 km) | | | Display list of ATM result search within range of user selected radius, if place not found, give message “Place not Found” |
| **Procedural Steps** | | | |
| 1 | Run the PALS Android application | | |
| 2 | Select Find ATM | | |
| 3 | Select bank name and radius (0.3 km) | | |
| 4 | Click “Find” button | | |
| 5 | Click backpress button, and repeat step (4) with another radius (0.6 km, 0.9 km, 1.2 km, 1.5 km) | | |
| **Result** | | | |
| Success | | | |

* **FIND GAS STATION**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-2 | |
| **Item(s) to be tested** | | | |
| Find Gas Station location near by particular radius | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| User selected radius (0.3 km, 0.6 km, 0.9 km, 1.2 km, 1.5 km) | | | Display list of gas station result search within range of user selected radius, if place not found, give message “Place not Found” |
| **Procedural Steps** | | | |
| 1 | Run the PALS Android application | | |
| 2 | Select Find Gas Station | | |
| 3 | Select gas station company and radius (0.3 km) | | |
| 4 | Click “Find” button | | |
| 5 | Click backpress button, and repeat step (4) with another radius (0.6 km, 0.9 km, 1.2 km, 1.5 km) | | |
| **Result** | | | |
| Success | | | |

* **FIND REPAIR SHOP**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-3 | |
| **Item(s) to be tested** | | | |
| Find Repair Shop location near by particular radius | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| User selected radius (0.3 km, 0.6 km, 0.9 km, 1.2 km, 1.5 km) | | | Display list of repair shop result search within range of user selected radius, if place not found, give message “Place not Found” |
| **Procedural Steps** | | | |
| 1 | Run the PALS Android application | | |
| 2 | Select Find Repair Shop | | |
| 3 | Select vehicle type, brand, and radius (0.3 km) | | |
| 4 | Click “Find” button | | |
| 5 | Click backpress button, and repeat step (4) with another radius (0.6 km, 0.9 km, 1.2 km, 1.5 km) | | |
| **Result** | | | |
| Success | | | |

* **View Location -1**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-5.1 | |
| **Item(s) to be tested** | | | |
| View location information (ATM and Gas Station) | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| User selected any result search from category (ATM or Gas Station) and clicked place location marker in map. | | | There is an information dialog displays the information such as place name and address. |
| **Procedural Steps** | | | |
| 1 | Run the PALS Android application | | |
| 2 | Select any category find location (ATM) | | |
| 3 | Select place name and radius (0.3 km) | | |
| 4 | Click “Find” button | | |
| 5 | Select any result search from category (ATM) | | |
| 6 | Click place location marker in map | | |
| 7 | Click backpress button to back to preference page, and repeat step (4) with another radius (0.6 km, 0.9 km, 1.2 km, 1.5 km) | | |
| 8 | Click backpress button to back to category page, and repeat step (3) with another category (Gas Station) | | |
| **Result** | | | |
| Success | | | |

* **VIEW LOCATION -2**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-5.2 | |
| **Item(s) to be tested** | | | |
| View location information (Repair Shop) | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| User clicked ‘Call’ button on information dialog if available | | | There is an information dialog displays the information such as place name, address, and phone number. |
| **Procedural Steps** | | | |
| 1 | Run the PALS Android application | | |
| 2 | Select Find Repair Shop | | |
| 3 | Select vehicle type, brand, and radius (0.3 km) | | |
| 4 | Click “Find” button | | |
| 5 | Select any result search from repair shop category | | |
| 6 | Click place location marker in map | | |
| 7 | Click backpress and repeat from step (4) with another radius (0.6 km, 0.9 km, 1.2 km, 1.5 km) | | |
| **Result** | | | |
| Success | | | |

* **GET DIRECTION**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-6 | |
| **Item(s) to be tested** | | | |
| Get Direction | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| User clicked ‘Direction’ button on information dialog | | | Location map displays the location with the direction in form of polylines between current position and place position. |
| **Procedural Steps** | | | |
| 1 | Run the PALS Android application | | |
| 2 | Select any category find location (ATM) | | |
| 3 | Select place name and radius (0.3 km) | | |
| 4 | Click “Find” button | | |
| 5 | Select any result search from category (ATM) | | |
| 6 | Click place location marker in map | | |
| 7 | Click “Direction” button | | |
| 8 | Click backpress button to back to preference page, and repeat step (4) with another radius (0.6 km, 0.9 km, 1.2 km, 1.5 km) | | |
| 9 | Click backpress button to back to category page, and repeat step (3) with another category (Gas Station, Repair Shop) | | |
| **Result** | | | |
| Success | | | |

* **CALL**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-7 | |
| **Item(s) to be tested** | | | |
| Make a phone call | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| User selected any result search from category (Repair Shop) and clicked place location marker in map. | | | Application displays confirmation dialog and make a phone call by pressing OK button. |
| **Procedural Steps** | | | |
| 1 | Run the PALS Android application | | |
| 2 | Select Find Repair Shop | | |
| 3 | Select vehicle type, brand, and radius (0.3 km) | | |
| 4 | Click “Find” button | | |
| 5 | Select any result search from repair shop category | | |
| 6 | Click place location marker in map | | |
| 7 | Click “Call” button | | |
| 8 | Click backpress button to back to preference page and repeat from step (4) with another radius (0.6 km, 0.9 km, 1.2 km, 1.5 km) | | |
| **Result** | | | |
| Success | | | |

* **INPUT LOCATION**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-8 | |
| **Item(s) to be tested** | | | |
| Input new location | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| User clicked “Input Location” icon and filled new location form. | | | Input new location is success and wait for confirmation by admin. |
| **Procedural Steps** | | | |
| 1 | Run the PALS Android application | | |
| 2 | Click “Input Location” icon on action bar menu | | |
| 3 | Select any category of input location (ATM) | | |
| 4 | Add a new marker by touching any position on the map | | |
| 5 | Click “Checklist” button | | |
| 6 | Fill new location form | | |
| 7 | Click “Submit” button | | |
| 8 | Click backpress button to back to category page, and repeat step (3) with another category (Gas Station, Repair Shop) | | |
| **Result** | | | |
| Success | | | |

* **VIEW HELP**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-9 | |
| **Item(s) to be tested** | | | |
| View Help | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| User selected user guide | | | Displays user guide information to further understand the app. |
| **Procedural Steps** | | | |
| 1 | Run the PALS Android application | | |
| 2 | Click “Option” icon on action bar menu | | |
| 3 | Select Help category. | | |
| 4 | Expand the information by selecting any help option in list. | | |
| **Result** | | | |
| Success | | | |

* **VIEW ABOUT**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-10 | |
| **Item(s) to be tested** | | | |
| View About | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| User clicked “About” option | | | Displays information about the application version, the developers involved in making the apps, license, and credits. |
| **Procedural Steps** | | | |
| 1 | Run the PALS Android application | | |
| 2 | Click “Option” icon on action bar menu | | |
| 3 | Select About category. | | |
| **Result** | | | |
| Success | | | |

Administrator Website

* **LOGIN**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-11 | |
| **Item(s) to be tested** | | | |
| Login Administrator | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| Admin enter username and password in login panel | | | Displays website home page |
| **Procedural Steps** | | | |
| 1 | Open website [http://gopals.esy.es/](http://gopals.esy.es/admin/login.php) | | |
| 2 | Input username and password | | |
| 3 | Click “Login” button | | |
| **Result** | | | |
| Success | | | |

* **VIEW DATA**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-12 | |
| **Item(s) to be tested** | | | |
| View Data | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| Admin selected any category (ATM, Gas Station, Repair Shop) in side bar menu | | | Displays a table which contains data for each selected category. |
| **Procedural Steps** | | | |
| 1 | Open website [http://gopals.esy.es/](http://gopals.esy.es/admin/login.php) | | |
| 2 | Input username and password | | |
| 3 | Click “Login” button | | |
| 4 | Select any category view data (ATM) | | |
| 5 | Repeat step (4) with another category (Gas Station, Repair Shop) | | |
| **Result** | | | |
| Success | | | |

* **ADD DATA**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-13 | |
| **Item(s) to be tested** | | | |
| Add Data | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| Admin fill new data for each category | | | New data displayed in table |
| **Procedural Steps** | | | |
| 1 | Open website [http://gopals.esy.es/](http://gopals.esy.es/admin/login.php) | | |
| 2 | Input username and password | | |
| 3 | Click “Login” button | | |
| 4 | Select any category view data (ATM) | | |
| 5 | Click “Input Data” button | | |
| 6 | Fill new data form | | |
| 7 | Click “Submit” button | | |
| 8 | Repeat step (4) with another category (Gas Station, Repair Shop) | | |
| **Result** | | | |
| Success | | | |

* **EDIT DATA**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-14 | |
| **Item(s) to be tested** | | | |
| Edit Data | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| Admin edit data for each category | | | Updated data displayed in table |
| **Procedural Steps** | | | |
| 1 | Open website [http://gopals.esy.es/](http://gopals.esy.es/admin/login.php) | | |
| 2 | Input username and password | | |
| 3 | Click “Login” button | | |
| 4 | Select any category view data (ATM) | | |
| 5 | Click “Edit” icon beside the desired data in table | | |
| 6 | Change the desired fields | | |
| 7 | Click “Submit” button | | |
| 8 | Repeat step (4) with another category (Gas Station, Repair Shop) | | |
| **Result** | | | |
| Success | | | |

* **DELETE DATA**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-15 | |
| **Item(s) to be tested** | | | |
| Delete Data | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| Admin delete data for each category | | | Data removed from table |
| **Procedural Steps** | | | |
| 1 | Open website [http://gopals.esy.es/](http://gopals.esy.es/admin/login.php) | | |
| 2 | Input username and password | | |
| 3 | Click “Login” button | | |
| 4 | Select any category view data (ATM) | | |
| 5 | Click “Delete” icon beside the desired data in table | | |
| 6 | Click “Ok” button on confirmation dialog | | |
| 7 | Repeat step (4) with another category (Gas Station, Repair Shop) | | |
| **Result** | | | |
| Success | | | |

* **SEARCH DATA**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-16 | |
| **Item(s) to be tested** | | | |
| Search Data | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| Keyword in search box | | | Displays the records that have similar values with the keywords |
| **Procedural Steps** | | | |
| 1 | Open website [http://gopals.esy.es/](http://gopals.esy.es/admin/login.php) | | |
| 2 | Input username and password | | |
| 3 | Click “Login” button | | |
| 4 | Select any category view data (ATM) | | |
| 5 | Input keyword in search box | | |
| 6 | Repeat step (4) with another category (Gas Station, Repair Shop) | | |
| **Result** | | | |
| Success | | | |

* **EDIT USER INPUTTED DATA**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-17 | |
| **Item(s) to be tested** | | | |
| Edit user inputted data | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| Admin edit data for ‘entries from users’ category | | | Updated data displayed in table |
| **Procedural Steps** | | | |
| 1 | Open website [http://gopals.esy.es/](http://gopals.esy.es/admin/login.php) | | |
| 2 | Input username and password | | |
| 3 | Click “Login” button | | |
| 4 | Select ‘entries from users’ category | | |
| 5 | Select any category view new data (ATM) | | |
| 6 | Click “Edit” icon beside the desired data in table | | |
| 7 | Change the desired fields | | |
| 8 | Click “Submit” button | | |
| 9 | Click backpress button to back to category page, and repeat step (5) with another category (Gas Station, Repair Shop) | | |
| **Result** | | | |
| Success | | | |

* **CONFIRM USER INPUTTED DATA**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-18 | |
| **Item(s) to be tested** | | | |
| Confirm user inputted data | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| New data that has not been confirmed | | | New data displayed in table for particular category |
| **Procedural Steps** | | | |
| 1 | Open website [http://gopals.esy.es/](http://gopals.esy.es/admin/login.php) | | |
| 2 | Input username and password | | |
| 3 | Click “Login” button | | |
| 4 | Select ‘entries from users’ category | | |
| 5 | Select any category view new data (ATM) | | |
| 6 | Click “Confirm” icon beside the desired data in table | | |
| 7 | Click “OK” button on confirmation dialog | | |
| 8 | Click backpress button to back to category page, and repeat step (5) with another category (Gas Station, Repair Shop) | | |
| **Result** | | | |
| Success | | | |

* **REJECT USER INPUTTED DATA**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-19 | |
| **Item(s) to be tested** | | | |
| Reject user inputted data | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| New data that has not been confirmed | | | New data not appear in table for particular category |
| **Procedural Steps** | | | |
| 1 | Open website [http://gopals.esy.es/](http://gopals.esy.es/admin/login.php) | | |
| 2 | Input username and password | | |
| 3 | Click “Login” button | | |
| 4 | Select ‘entries from users’ category | | |
| 5 | Select any category view new data (ATM) | | |
| 6 | Click “Reject” icon beside the desired data in table | | |
| 7 | Click “OK” button on confirmation dialog | | |
| 8 | Click backpress button to back to category page, and repeat step (5) with another category (Gas Station, Repair Shop) | | |
| **Result** | | | |
| Success | | | |

* **LOGOUT**

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| **Tested By:** | | Fakhria Nur Shabrina | |
| **Test Type** | | System Testing – Function Validation Testing | |
| **Test Case Number** | | S-20 | |
| **Item(s) to be tested** | | | |
| Log out from administrator website | | | |
| **Specifications** | | | |
| **Input** | | | **Expected**  **Output/Result** |
| Administrator selected logout on sidebar menu | | | Back to login page |
| **Procedural Steps** | | | |
| 1 | Open website [http://gopals.esy.es/](http://gopals.esy.es/admin/login.php) | | |
| 2 | Input username and password | | |
| 3 | Click “Login” button | | |
| 4 | Select ‘Logout’ category on sidebar menu | | |
| **Result** | | | |
| Success | | | |