

QA Test cases for Hospital Bed System

| Test Case Id | Test Case Scenario | Expected Result | Actual Result | Test Status | Defect (in case test fails) eg. Test1 Defect1 | Tested By |
|--------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------|-----------|
| TU0001 | Open user is able to get all hospital beds details | Show beds availability for all the hospitals | Show beds availability for all the hospitals | Passes | | Sunmeet |
| TU0002 | Open user is able to get hospital details by name | Show details of the hospital with the given name | Show details of the hospital with the given name | Passes | | Sunmeet |
| TU0003 | Invalid login credentials for admin (wrong username) | Login failed with error response | Login failed with error response | Passes | | Sunmeet |
| TU0004 | Invalid login credentials for admin (wrong password) | Login failed with error response | Login failed with error response | Passes | | Sunmeet |
| TU0005 | Valid login credentials for admin | Login Success | Login Success | Passes | | Sunmeet |
| TU0006 | Admin logout | Admin gets logged out | Admin gets logged out | Passes | | Sunmeet |
| TU0007 | Invalid option selected in user type menu | Prompt the user with error message and retry | Prompt the user with error message and retry | Passes | | Sunmeet |
| TU0008 | Invalid option selected in admin action menu | Prompt the user with error message and retry | Prompt the user with error message and retry | Passes | | Sunmeet |
| TU0009 | Invalid option selected in admin display/view patients menu | Prompt the user with error message and retry | Prompt the user with error message and retry | Passes | | Sunmeet |
| TU0010 | Add new patient with valid details | Patient gets added | Patient gets added | Passes | | Sunmeet |
| TU0011 | Add new patient with invalid hospital name | Patient not added to db and error shown | Error is shown but patient is added to the db and success message is also shown | Fails | Validation.validateHospitalName always returns true should return the value of the variable validate | Sunmeet |
| TU0012 | Add new patient with characters in phone numbers | Custom error message should be thrown | Exception thrown and Programs crashes | Fails | Catch Runtime Exception for Long.parseLong(sc.nextLine()); | Sunmeet |
| TU0013 | Alphanumeric String given as an input for choice of user | Prompt the user with an error message and retry | Exception Thrown and program terminated | Fails | NumberFormatException should be checked and program should flow normally | Shubham |
| TU0014 | Alphanumeric String given as an input for choice of operation in admin menu | Prompt the admin with an error message and retry | Exception Thrown and program terminated | Fails | NumberFormatException should be checked and program should flow normally | Shubham |
| TU0015 | Alphanumeric String given as an input for choice of patient ID | Prompt the admin with an error message and retry | Exception Thrown and program terminated | Fails | NumberFormatException should be checked and program should flow normally | Shubham |
| TU0016 | Alphanumeric String given as an input for choice of patient phone number, while adding patient record to the database | Prompt the admin with an error message and retry | Exception Thrown and program terminated | Fails | NumberFormatException should be checked and program should flow normally | Shubham |