

Application Testing Checklist			
Tested By	Rohit Kumar Baraik	Date	13/03/2019
Application Name	ONLINE HOSTEL MANAGEMENT SYSTEM		
Procedure	Expected Result	Pass/Fail (P/F)	Actual Results/ Comments
Application Functionality			
Performs primary functionality and maintains stability	Yes	P	Opens and allows users to enter credentials and use the functionalities.
Windows Fundamentals			
Working of a hosteller user account	Yes	P	
Working of a warden user account	Yes	P	Works correctly
Working of an administrator account	Yes	P	Working
Working of a chief warden user account	No	P	
Working of a security user account	Yes	P	
Completion of minimal functionality	Yes	P	
Completes of full functionality	No	F	Full installation completes with no errors
Additional Requirement of any package except browser to the client.	No	P	Only Browser in Client Side
Additional Requirement of any package except server scripting and database to the server.	Yes	P	Composer and mongo-php is required additionally require in Server Side
Permission for accessibility to all users	No	P	Only permitted uses within hostel and administration are allowed

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Performs Microsoft® Windows® Server operating system checking correctly	Yes	P	
Basic Application Testing			
Performs as expected when other browsing tabs are open	Yes	P	No errors or hangs when multiple browsing tabs are running
Application responsiveness to various screens	Yes	P	Opens correctly for many types of mobile and Tablet Screens
Theme matches with formal and elegant design	Yes	P	
User Convenience	No	F	Need more refactoring
Cookies for the site	NA	P	REQUIRED FFOR FEEDBACK
Save and Starts from the Quick Link bar	NA	NA	NA
Starts from a document or a file (if the application has associated extensions)	NA	NA	NA
Starts when another instance of the user is already running	Yes	P	Allows more than one instance of the program to run at one time
Allow Browser Notification	No	F	
Handles form input to database correctly	Yes	P	NA

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Handles data to client efficiently functions correctly	Yes	P	NA
Handles calculation and functions correctly	Yes	P	NA
Handles changes to browser screen resolution	Yes	P	Application functions correctly at browser changes the screen size resolution
Works correctly with all GUI browsers	Yes	NA	
Output of records in pdf/ doc	No	F	
Code Reusable	Yes	P	
Application face challenges on pressing function keys	No	P	Browser may react to function key but application do not disturb.
Scrolls up, down, and sideways when you use the wheel on the wheel mouse	Yes	P	
Auto refresh enable.	No	NA	In some cases, it is allowed
Code Extendible	Yes	P	
User Manual and Maintenance Guide Created	No	F	NA
Notification using SMS and emails	No	F	NA

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Data in Database			
Schema for database is entered correctly	Yes	P	NoSQL does not require any schema like MySQL
Data Security	Yes	P	Primary security of MongoDB is enabled
Additional Security	No	F	NA
Scalability	Yes	P	
Ease of access	Yes	P	
Fault Tolerance	Yes	P	Multiple server systems are required
Login and Logout			
Allows the application to auto-logout on browser crash	Yes	P	
Allows the application to auto-logout on inactivity	No	P	
Goes into standby and hibernation and resumes without loss of functionality	Yes	NA	
Edit login and Password information	No	F	
Rules for accessing hostel application at login	No	F	
Notification in mobile/email after login for security.	No	F	

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Design			
All the modules completed	No	F	Grievance module is still left
Separate the concerns of different use-cases	No	F	Chief Warden Use-Case is Left
Functionalities matches with requirements	Yes	P	Removes correctly under administrator or power user account
External Dependencies working properly	Yes	P	The one used are working Properly
Interfaces and Interlinking is proper	Yes	P	
Presence of any 404- 'page not found' error.	No	P	
Functionalities of use-cases do not overlap	Yes	P	