

# Test Cases for Real Office

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Test_Case_ID	Test Case Description	Precondition	Test Steps	Test Data	Expected Result
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## 1. Authorization

TC01	Staff member: authorization	Staff user has an account	i) enter username ii) enter password	i) username = <i>user123</i> ii) password = <i>pw123</i>	Login successful
TC02	Invalid login credentials	Staff user has an account	i) enter username ii) enter password	i) username = <i>user123/user125</i> ii) password = <i>pw125/pw123</i>	Login unsuccessful: invalid username or password

## 2. Adding and deleting user

TC03	Add user	Admin is logged into system	i) enter new username ii) enter new password	i) username = <i>user126</i> ii) password = <i>pw126</i>	User ' <i>user126</i> ' added successfully
TC04	Add user (username exists )	Admin is logged into system	i) enter new username ii) enter new password	i) username = <i>user126</i> ii) password = <i>pw126</i>	User ' <i>user126</i> ' already exists
TC05	Delete user (username exists)	Admin is logged into system	i) enter new username ii) enter new password	i) username = <i>user126</i>	User ' <i>user126</i> ' deleted successfully
TC06	Delete user (username does not exist)	Admin is logged into system	i) enter new username ii) enter new password	i) username = <i>user126</i>	Error:User ' <i>user126</i> ' does not exist.

### 3. Add Meeting

TC07	Add a meeting (first instance )	Staff user is logged into system	i) Enter startTime, endTime ii) Enter venue iii) Enter organizer iv) Enter participants v) Enter requirements vi)Add reminders	i) startTime = <i>st1</i> endTime = <i>et1</i> ii) venue = <i>v1</i> iii ) organiser = <i>org1</i> iv) participants = { <i>p1</i> , <i>p2</i> ... <i>pn</i> } v) requirements = { <i>r1</i> , <i>r2</i> .. <i>rt</i> } vi) reminders = { <i>rm1</i> , <i>rm2</i> .. <i>rmk</i> }	A meeting is created in the database with details provided and 'meeting <i>M1</i> added' message is displayed
TC08	Add next meeting (with time clash )	Staff user is logged into system and there are meetings scheduled on database	i) Enter startTime, endTime ii) Enter venue iii) Enter organizer iv) Enter participants v) Enter requirements vi)Add reminders	i) startTime = <i>st2</i> > <i>st1</i> endTime = <i>et2</i> < <i>et1</i> ii) venue = <i>v1</i> iii ) organiser = <i>org2</i> iv) participants = { <i>p'1</i> , <i>p'2</i> ... <i>p'n</i> } v) requirements = { <i>r'1</i> , <i>r'2</i> .. <i>r't</i> } vi) reminders = { <i>rm'1</i> , <i>rm'2</i> .. <i>rmk</i> }	Error: 'Meeting not added ( time clash)' message is displayed  Note: clash details can be added in implementation
TC09	Add a new meeting (without time or venue clash)	Staff user is logged into system and there are meetings scheduled on database	i) Enter startTime, endTime ii) Enter venue iii) Enter organizer iv) Enter participants v) Enter requirements vi)Add reminders	i) startTime = <i>st2</i> > <i>et1</i> endTime = <i>et2</i> ii) venue = <i>v1</i> iii ) organiser = <i>org2</i> iv) participants = { <i>p'1</i> , <i>p'2</i> ... <i>p'n</i> } v) requirements = { <i>r'1</i> , <i>r'2</i> .. <i>r't</i> } vi) reminders = { <i>rm'1</i> , <i>rm'2</i> .. <i>rm'k</i> }	The given meeting is created in the database with details provided and 'meeting <i>M2</i> added' message is displayed
TC10	Add next meeting ( with time clash but different venue )	Staff user is logged into system and there are meetings scheduled on database	i) Enter startTime, endTime ii) Enter venue iii) Enter organizer iv) Enter participants v) Enter requirements vi)Add reminders	i) startTime = <i>st3</i> endTime = <i>et3</i> ii) venue = <i>v3</i> iii ) organiser = <i>org3</i> iv) participants = { <i>p''1</i> , <i>p''2</i> ... <i>p''n</i> } v)requirement s = { <i>r''1</i> , <i>r''2</i> .. <i>r''t</i> } vi) reminders = { <i>rm''1</i> , <i>rm''2</i> .. <i>rm''k</i> }	The given meeting is created in the database with details provided and 'meeting <i>M3</i> added' message is displayed

TC11	Add next meeting (with time clash and venue clash)	Staff user is logged into system and there are meetings scheduled on database	i) Enter startTime, endTime ii) Enter venue iii) Enter organizer iv) Enter participants v) Enter requirements vi) Add reminders	i) startTime = st4 > st1 and st4 < et1 endTime = et4 ii) venue = v1 iii) organiser = org4 iv) participants = {p <sup>1</sup> , p <sup>2</sup> ... p <sup>n</sup> } v) requirements = {r <sup>1</sup> , r <sup>2</sup> .. r <sup>t</sup> } vi) reminders = {rm <sup>1</sup> , rm <sup>2</sup> .. rm <sup>k</sup> }	Error: 'Meeting not added (venue and time clash)' message is displayed  Note: clash details can be added in implementation

#### 4. Delete Meeting

TC12	Delete meeting	Staff user is logged in and meetings { M1, M2, M3 } are scheduled	i) enter meeting ID to be deleted	i) meeting = M1	M1 is deleted from the database and 'meeting M1 deleted' message is displayed
TC13	Delete meeting (meeting does not exist)	Staff user is logged in and meetings { M2, M3 } are scheduled	i) enter meeting ID to be deleted	i) meeting = M1	Error: M1 cannot be deleted from the database as it does not exist and 'meeting M1 cannot be deleted' message is displayed

#### 5. Reschedule Meeting

TC14	Reschedule meeting	Staff user is logged in and meetings { M2, M3 } scheduled	i) enter meeting ID ii) enter new venue iii) enter new startTime iv) enter new endTime	i) meeting = M2 ii) venue = v4 iii) startTime = st4 iv) endTime = et4	Meeting M2 is rescheduled and message 'meeting M2 is rescheduled' is displayed on screen
TC15	Reschedule meeting (with venue clash)	Staff user is logged in and meetings { M2, M3 } scheduled	i) enter meeting ID ii) enter new venue iii) enter new startTime iv) enter new endTime	i) meeting = M2 ii) venue = v3 iii) startTime = st4 > et3 iv) endTime = et4	Meeting M2 is rescheduled and message 'meeting M2 is rescheduled' is displayed on screen

TC16	Reschedule meeting (with time and venue clash)	Staff user is logged in and meetings { M2, M3 } scheduled	i) enter meeting ID ii) enter new venue iii) enter new startTime iv) enter new endTime	i) meeting = M2 ii) venue = v3 iii) startTime = st4 < et3 iv) endTime = et4	Error: Meeting M2 cannot be rescheduled as M3 exists with overlapping time and message 'meeting M2 cannot be rescheduled' is displayed on screen
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## 6. Generate Report

TC17	Generate Report	Staff user is logged and meetings { M2, M3 } scheduled	i) enter startTime ii) enter endTime	i) startTime = st3 ii) endTime = et4	Generate report containing details of { M2, M3 } in desired format and extract report displayed on screen.
TC18	Generate Report (invalid time period)	Staff user is logged and meetings { M2, M3 } scheduled	i) enter startTime ii) enter endTime	i) startTime = st5 < st3 ii) endTime = et5 > st3 && et5 < et3	Report can't be generated for the given time period and message 'Meetings does not exist for the given time period.'