# Scenario Scripts

## Acceptance Test 1 – Re-plan a meeting dynamically

### Test 1.1. Plan a meeting for the first time

This test will illustrate how the system can setup a meeting with valid parameters.

The prototype will issue a confirmation box saying a meeting has been found.

Assumption: The earliest available meeting slot will be selected even if more than one is available.

1. Start the prototype
2. Setup meeting
   1. Click “Setup Meeting” inside the Meeting Initiator’s control panel
   2. Click “Ok” on the meeting creation confirmation popup
3. End the prototype

#### Questions for Client

* If more than one slot is available, should the system ask the initiator to choose the best out of the set of slots that are available?
* If more than one slot is available, should preference sets have a ‘favourite’ option, so that the system can potentially find the best slot automatically? If not, it can default to the result of the above question

### Test 1.2. Re-plan a meeting after one has been setup with adjusted preference set

This test will illustrate how the system can alter a meeting that has been setup with different yet still valid parameters.

The prototype will issue a confirmation box saying a meeting has been found at a different date and slot compared to *Test 1*.

1. Start the prototype
2. Setup meeting
   1. Click “Setup Meeting” inside the Meeting Initiator’s control panel
   2. Click “Ok” on the meeting creation confirmation popup
3. Adjust a participant’s preference set
   1. Click on the first line in Joe’s preference set
   2. Erase the text “Slot 1”
   3. Type in “Slot 3”
4. Setup the meeting with the adjusted data
   1. Click “Setup Meeting” inside the Meeting Initiator’s control panel
   2. Click “Ok” on the meeting creation confirmation popup
5. End the prototype

#### Questions for Client

* Should the system only ask certain participants to adjust their preference sets or just ask select ones?

### Test 1.3. Test to plan a meeting where a weak conflict should occur

This test will illustrate how the system can detect a weak conflict within the dates to help plan a meeting. The system will attempt to find a date in all preference slots however when none a found a weak conflict should arise. An error box will be shown and the meeting details will reflect this weak conflict

Assumptions:

* The system will display the number of potential non-exclusion slots that could be used.

1. Start the prototype
2. Remove all entries into the preference slots for each participant
3. Click setup meeting
4. Popup should appear displaying: “No slot in all preference slots, 10 slots not in exclusion sets, within range.”
5. Click ok on popup
6. Meeting details should say:
   * Status: Weak Conflict
   * Meeting Date: Not Planned
   * Meeting Slot: Not Planned
   * Error: No slot in all preference slots, 10 slots not in exclusion sets, within range.
7. End the prototype

#### Questions for Client

* Should the system display to the meeting initiator the potential dates that aren’t in either preference or exclusion slots?

## Acceptance Test 2 – Strong conflict resolution

### Test 2.1. Attempt to plan a meeting when no date can be found within the date range and outside of all exclusion sets

This test will illustrate how the system will refuse to setup a meeting under the above scenario, and how it then lets participants adjust their exclusion and preference sets to resolve the conflict.

The prototype will issue an error box saying there is a strong conflict, and it must be corrected before the meeting can be planned.

1. Start the prototype
2. Adjust the meeting date range
   1. Click in the “Date To” field inside the Meeting Initiator’s control panel
   2. Erase the “12”
   3. Enter “10”
3. Adjust a Joe’s exclusion set to exclude all available slots
   1. Click in the exclusion set field
   2. Add in the text “10/12/2018 Slot 1”
   3. Add in the text “10/12/2018 Slot 2”
   4. Add in the text “10/12/2018 Slot 3”
   5. Add in the text “10/12/2018 Slot 4”
4. For all the other participants, remove all text within their exclusion set fields
5. Setup meeting
   1. Click “Setup Meeting” inside the Meeting Initiator’s control panel
   2. Click “Ok” on the strong conflict resolution error popup
6. Resolve the strong conflict
   1. Remove “10/12/2018 Slot 1” from Joe’s exclusion set
   2. Add in the text “10/12/2018 Slot 1” into Joe’s preference sets
7. Setup meeting
   1. Click “Setup Meeting inside the Meeting Initiator’s control panel
   2. Click “Ok” on the meeting creation confirmation popup
8. End the prototype

#### Questions for Client

* Should the meeting initiator be given a message about which user(s) need to change their preference sets? Or should only that participant know that they are required to edit. E.g. if one participant is missing a slot that is in all other preference sets, should the system only ask that participant to add it to their preference set?

## Acceptance Test 3 – System Constraints Are Maintained, System Integrity is Violated

### Test 3.1. A user cannot have the same slot in both their preference and exclusion set

This will test that when a meeting is attempted to be planned and a participant has the same slot in both exclusion and preference sets an error is thrown and handled.

Assumptions:

* A participant and the meeting initiator should be made aware of the participant’s error. However, the meeting initiator does not need to know the specific error.

1. Start the prototype
2. In Michael’s preference set, change the first line from “10/12/2018 Slot 1” to “11/12/2018 Slot 1”
3. Click setup meeting
4. Pop-up appears containing “Participant(s) error.”
5. Click Ok
6. Meeting details section should say “Not Planned” for all other than the “Errors:” input which should say “Participant(s) error.” and “Meeting Status” should say “Participant Error”
7. In the “Result:” for Michael the following should show: “Slot already in preference set: 11/12/2018 Slot 1”
8. Revert the changes made in step 2
9. Click setup meeting
10. Popup should appear displaying: “Meeting slot found: 10/12/2018 Slot 1”
11. Click Ok on popup
12. Meeting details should say
    * Status: Planned
    * Meeting Date: 10/12/2018
    * Meeting Slot: Slot 1
    * Errors: No Errors
13. End the prototype

#### Questions for Client:

* Should the system assume that the user meant to put this in their exclusion set and still try to plan the meeting? As it may be possible that that duplication doesn’t matter when arranging the meeting.

### Test 3.2. A user cannot submit a slot in their preference/exclusion set outside of the date range of the meeting

This will test whether a participant is able to submit a slot in either their preference or exclusion sets that is not within the date range.

Assumptions:

* The meeting cannot be planned when a participant enters in a slot outside of the date range.
* The “To Date” is excluded when submitting slots (i.e. if “To date” is 10/12/2018, no slots on the 10/12/2018 are valid, only slots before.)

1. Start the prototype
2. In Michael’s preference set, change the first line from “10/12/2018 Slot 1” to “9/12/2018 Slot 1”
3. Click setup meeting
4. Pop-up appears “Participant(s) error.”
5. Click Ok
6. Meetings details sections should say “Not Planned” for all other than the “Errors” input which should say “Participant(s) error.” and “Meeting Status” should say “Participant Error”
7. In the “Result:” for Michael the following should show: “9/12/2018 Slot 1 (pref) is before the min date of the meeting.”
8. Revert the changes made in step 2
9. Click setup meeting
10. Popup should appear displaying: “Meeting slot found: 10/12/2018 Slot 1”
11. Click Ok on popup
12. Meeting details should say
    * Status: Planned
    * Meeting Date: 10/12/2018
    * Meeting Slot: Slot 1
    * Errors: No Errors
13. End the prototype

#### Questions for Client:

* With respect to the “To Date” that the meeting initiator specifies, should the slots include that date, or should it be only before that date? E.g. If the “To Date” is 12/12/18 then should the participants be able to specify slots on that date (e.g. 12/12/18 Slot 1) or should it just be before that date?
* Can the meeting still be planned when this problem is encountered? The system could just exclude those slots from its calculations, but still showing a warning to the participant.

### Test 3.3 A meeting cannot be setup when the from date is set to after the set to date.

This will test whether a meeting can even be attempted to setup when the meeting initiator enters a “From Date” that is before (chronologically) the “To Date”.

1. Start the prototype
2. In the “From Date” field, under the meeting initiator, enter the date: “13/12/18”
3. Click setup meeting
4. Popup should appear displaying: “To date cannot be before from date when arranging a meeting”
5. Click ok on popup
6. Meeting details should say:
   * Status: Initiator Error
   * Meeting Date: Not Planned
   * Meeting Slot: Not Planned
   * Error: To date cannot be before from date when arranging a meeting.
7. End the prototype

#### Questions for Client:

* Should the user have instant feedback on invalid dates before they click the setup meeting button as to save time?