Use Cases and Logical Architecture

* XID: X00132492
* Name: Ceiran McCabe
* Project Title: IBM Slack Meetings Scheduler

# Section 1: Use Cases

|  |  |
| --- | --- |
| Title (goal) | **Open Create Meeting Dialog Box** |
| Primary Actor | User |
| Story | The User uses the slack slash command “/meeting new“ which will ask the user if they wish to create a new meeting. If they do they will press the “Create Meeting“ button to open create meeting dialog. |

|  |  |
| --- | --- |
| Title (goal) | **Cancel create meeting** |
| Primary Actor | User |
| Story | Once the create meeting dialog has opened the host fills out dialog form to create a meeting.  If they wish to quit filling out the create meeting dialog the just press the “Cancel“ button. If there has been no input in the dialog fields it will close the dialog. If the has been input you will receive a pop-up message saying your work won‘t be saved and if you are sure you want to cancel. If you are sure, click the “Close“ button otherwise press the “Keep Editing“ button to continue creating the meeting via the dialog box. |

|  |  |
| --- | --- |
| Title (goal) | **Create Meeting Fail** |
| Primary Actor | User |
| Story | Once the create meeting dialog has opened the host fills out dialog form to create a meeting and submits by pressing the “Send“ button.  If any required credentials arent entered they will be alerted to the field or fields in question with a “This field is required.“ message.  If the Start time you have selected is in the past the host will receive a “Start Time, Day and Month seem to be in the past“ alert message.  If the host enters an irregular day for a month, 31st February for example, they will receive an alert message similar to “February doesn't have 31 days“.  If the day or month entered is in the past the host will receive an alert message saying “Day and Month seem to be in the past“. |

|  |  |
| --- | --- |
| Title (goal) | **Create Meeting Success** |
| Primary Actor | User |
| Story | Once the create meeting dialog has opened the host fills out dialog form to create a meeting and submits by pressing the “Send“ button.  Once all the required credentials are entered and pass validation the meeting is created the host will receive an email confirming the meeting details and an ics attachment.  The User then becomes the Meeting‘s Host |

|  |  |
| --- | --- |
| Title (goal) | **Invite Participants Directly** |
| Primary Actor | Meeting host |
| Story | Once a new meeting has been created the meeting information is displayed in the channel. The host can invite participants using the "Invite Others“ button. They can send an invitation to a user directly by using the “Invite Users“ drop down and select a user from the workspace. |

|  |  |
| --- | --- |
| Title (goal) | **Invite Participants Via Channel** |
| Primary Actor | Meeting host |
| Story | Once a new meeting has been created the meeting information is displayed in the channel. The host can invite participants using the "Invite Others“ button. They can send an invitation to a channel for all users in the channel to see by using the “Invite Users“ drop down and select a channel from the workspace. |

|  |  |
| --- | --- |
| Title (goal) | **Accept Meeting Invitation** |
| Primary Actor | Users |
| Story | Once a user has been invited directly or the meeting details being displayed in a channel they are using they can accept the meeting invitation by pressing the “Accept“ button. Once they press the button, they will receive a message indicating they have accepted and have been sent an email confirming their invitation and they can add the event to their calendar.  If they have already accepted the invitation previously and click the accept button, they will receive a message indicating they were already participating.  The User then becomes a Participant. |

|  |  |
| --- | --- |
| Title (goal) | **Decline Meeting Invitation** |
| Primary Actor | Users |
| Story | Once a user has been invited directly or the meeting details are displayed in a channel they are using they can decline the meeting invitation by pressing the “Decline“ button. If they have not accepted the invitation previously, they will receive a message indicating they were not participating.  If they have previously accepted the invitation, they will receive a message indicating they were they have declined. |

|  |  |
| --- | --- |
| Title (goal) | **Add to calendar** |
| Primary Actor | Meeting host/ Participant |
| Story | If you have created or accepted a meeting invitation you will receive an email with the meeting details and an ics attachment.  There will be an add to calendar link which will add the meeting to your google calendar if the email was in Gmail or IBM calendar if in verse email. |

|  |  |
| --- | --- |
| Title (goal) | **Set Reminder Via Button** |
| Primary Actor | Host/ Participants |
| Story | Once the user has accepted the meeting invitation they will be presented with a “Set Reminders“ button. If they press this button they will open a dialog box where they can set the time and label for their reminders. When they are satisfied with the reminder details they press the “Send“ button to confirm.  The reminder details will then be displayed.  Once they receive the reminder they have set the reminder will be removed from your list of reminders. |

|  |  |
| --- | --- |
| Title (goal) | **Set Reminder Via Meetings Dropdown Menu** |
| Primary Actor | Host/ Participants |
| Story | Once the user has accepted the meeting invitation they will be presented with two buttons, one of which is “View Meetings“ button. By clicking on this button will list out all their meetings. Each meeting had a dropdown menu. In the dropdown menu there are two options, one of which is “Set Reminders“. If they press this option they will open a dialog box where they can set the time and label for their reminders. When they are satisfied with the reminder details they press the “Send“ button to confirm.  The reminder details will then be displayed.  Once they receive the reminder they have set the reminder will be removed from your list of reminders. |

|  |  |
| --- | --- |
| Title (goal) | **Display Reminders Via Button** |
| Primary Actor | Host/ Participants |
| Story | Once a reminder has been set its details are displayed. Underneath there is a “View All Reminders“ button which will show you all the reminders you have set for any meeting. They are sorted by time and date in ascending order from closest to furthest.  If there are no reminders set you will receive a message indicating you do not have any reminders set. |

|  |  |
| --- | --- |
| Title (goal) | **Display Reminders Via Command** |
| Primary Actor | Host/ Participants |
| Story | Once a reminder has been set its details are displayed. You can use the “/meeting reminders“ slack slash command which will also display all the reminders you have set. They are sorted by time and date in ascending order from closest to furthest.  If there are no reminders set you will receive a message indicating you do not have any reminders set. |

|  |  |
| --- | --- |
| Title (goal) | **Delete New Reminder** |
| Primary Actor | Host/ Participants |
| Story | Once a reminder has been set its details are displayed. Underneath there is “Delete Reminder“ button if you press this a pop up will appear asking you to confirm by pressing yes it will allow you to delete the reminder you have just set and send a display a message indicating a reminder was deleted. |

|  |  |
| --- | --- |
| Title (goal) | **Delete Any Reminder** |
| Primary Actor | Host/ Participants |
| Story | Once a reminder has been set its details are displayed.  If you wish to delete other reminders you will need to display reminders as stated in the “**Display Reminders**“ Use Case.  Each reminder will have a drop-down menu containing the “Remove Reminder“ option. This will delete the reminder you have selected and display a message indicating Reminder Deleted. |

|  |  |
| --- | --- |
| Title (goal) | **Edit Reminder** |
| Primary Actor | Host/ Participants |
| Story | To update reminders you will need to display reminders as stated in the “**Display Reminders**“ Use Case. Each reminder will have a drop-down menu containing the “Edit Reminder“ option. This will allow the user to edit the reminder you have selected. |

|  |  |
| --- | --- |
| Title (goal) | **Display Meetings Via Button** |
| Primary Actor | Host/ Participants |
| Story | Once the user has accepted an invitation to a meeting they are presented with two buttons, one of which is “View All Meetings“. By clicking on this button will list out all their meetings. They are sorted by time and date in ascending order from closest to furthest  If you are not participating in any meetings you will receive a message indicating you don‘t have any meetings scheduled and are presented with the “Create Meeting“ button if you wish to create one.  Once a meeting you are participating in has ended the meeting will be removed from your list of meetings as it has ended. |

|  |  |
| --- | --- |
| Title (goal) | **Display Meetings Via Command** |
| Primary Actor | Host/ Participants |
| Story | When the user has accepted an invitation to a meeting they can simply use the “/meeting display“ slack slash command. By clicking on this button will list out all their meetings. They are sorted by time and date in ascending order from closest to furthest  If you are not participating in any meetings you will receive a message indicating you don‘t have any meetings scheduled and are presented with the “Create Meeting“ button if you wish to create one.  Once a meeting you are participating in has ended the meeting will be removed from your list of meetings as it has ended. |

|  |  |
| --- | --- |
| Title (goal) | **Delete Meeting** |
| Primary Actor | Host |
| Story | Once a meeting has been created only the host has permissions to delete a meeting. To delete a meeting you will need to display meetings as described in the “**Display Meetings**“ Use Case. Each meeting will have a drop-down menu containing the “Delete“ option if you are the host/ organiser. This will allow the host to delete the meeting you have selected. A message will be displayed in the channel letting everyone know the meeting has been cancelled.  That meeting will also have been deleted for any participant of that meeting as will all reminders set for that meeting. |

|  |  |
| --- | --- |
| Title (goal) | **Leave Meeting** |
| Primary Actor | Participants |
| Story | Once a meeting has been created only the invited participants can leave a meeting.  To leave a meeting you will need to display meetings as described in the “**Display Meetings**“ Use Case. Each meeting will have a drop-down menu containing the “Leave“ option if you are a participant. This will allow the participant to leave the meeting you have selected. |

# Section 2: Logical Architecture

