

# Firefox OS



## Calendar

Draft [Dec 20 2013]

Most recent spec available at - [\[Link to folder on box.com\]](#)  
Questions? E-mail the author or [firefoxos-ux@mozilla.com](mailto:firefoxos-ux@mozilla.com)



# Release Notes

v0.1	Jun 25 2013	Caleb Winters	Initial spec for Calendar stories
v0.2	Jul 01 2013	Caleb Winters	Add 3 more stories, refine existing
v0.3	Oct 24 2013	Jacqueline Savory	Edited receiving and sending email invites, minor updates
v0.4	Nov 05 2013	Jacqueline Savory	Added minor updates and details
Draft	Dec 20 2013	Harly Hsu	Added 2 more stories, and minor updates

# User Story

Bug 932253 & 874928

As a user, I would like to be able to create invitations for calendar events and send those invitations to contacts or to specific email address to allow me to invite people to events from my device.

Bug 932254 & 874928

As a user, I would like to be able to receive invitations for calendar events and accept or decline those invitations so that I can act on events that I receive from contacts.

Bug 932255

As a user, I would like to be notified of acknowledgements via email from recipients of my calendar event invitations, indicating to me which recipients accept or decline my invitation, so that I know in advance who to expect to attend the event.

Bug 932260

As a user, I would like to be able to edit calendar events so that I can make modifications to my events after they are created.

Bug 932258

As a user, I want to be able to create recurring calendar events and add recurring events that have been sent to me to my calendar such that I do not need to manually create an event for each instance.

Bug 932263

As a user, I want to be able to move events between calendars (needed for recurring events).

## Bug 932253 & 874928

As a user, I would like to be able to create invitations for calendar events and send those invitations to contacts or to specific email address to allow me to invite people to events from my device.

# Add Attendees - Keyboard

## 1. Add Event

×

Add Event

Save

Quality Checkups

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Never

To add guests, the user taps on the attendees input box.

## 2. Type email addresses

×

Add Event

Save

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

KEYBOARD

The keyboard appears and the user can begin typing inline.

Email error handling and interaction patterns will follow the email compose patterns.

## 3. Return to editing

×

Add Event

Send

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

jsmith@mozilla.com

+

KEYBOARD

User inputs email addresses of attendees and lower the keyboard to return to editing the invite.

Email error handling and interaction patterns will follow the email compose patterns.

## 4. Send Invite

×

Add Event

Send

Quality Checkups

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

jsmith@mozilla.com

+

Repeat

Never

The user taps off of the keyboard to complete the rest of the invitation.

The “Save” button turns into “Send” when the user adds attendees to an event.

## 5. Email Sent

×

Add Event

Send

Quality Checkups

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

jsmith@mozilla.com

+

Repeat

Never

Email is sent to all addresses listed in the Attendees section.

User returns to their previous view.

See “Receive Event Invitations” page for more details.



# Add Attendees - Contacts List

## 1. Add Event

×

Add Event

Save

Quality Checkups

Where?

All day event?

☐

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

Repeat

Never

Tapping on the plus icon will bring up the user’s contact list.

If the user has no contacts, the same error as email initiates will be displayed here.

## 2. Select Contact

×

Select Contact

Q Search

★

A

Abby Benjamin

Mozilla

Amy Hu

Mozilla

Andy Lau

Mozilla

Ashley Hilton

Mozilla

B

Ben Carpenter

Mozilla

Betty Shan

User taps on contact that they wish to add to the attendees list.

Email error handling and interaction patterns will follow the email compose patterns.

## 3. Send Invite

×

Add Event

Send

Quality Checkups

Where?

All day event?

☐

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

Ben Carpenter

+

Repeat

Never

User is returned to the Calendar event editor and the new contact is added to the attendees list.

Removing attendee method will be the same as email.

## 4. Email Sent

×

Add Event

Send

Quality Checkups

Where?

All day event?

☐

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

Ben Carpenter

+

Repeat

Never

Email is sent to all addresses listed in the Attendees section.

User returns to their previous view.

See “Receive Event Invitations” page for more details.

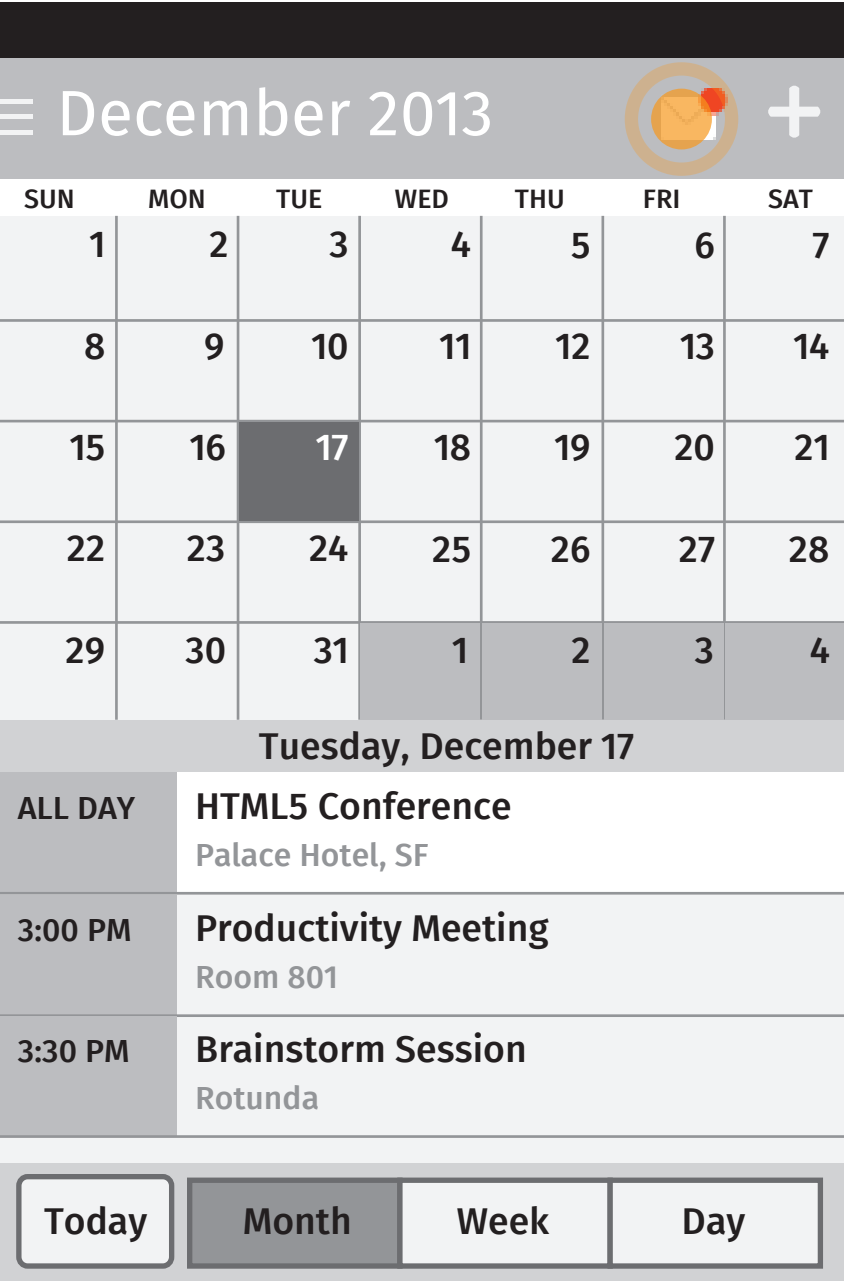
## Bug 932254 & 874928

As a user, I would like to be able to receive invitations for calendar events and accept or decline those invitations so that I can act on events that I receive from contacts.

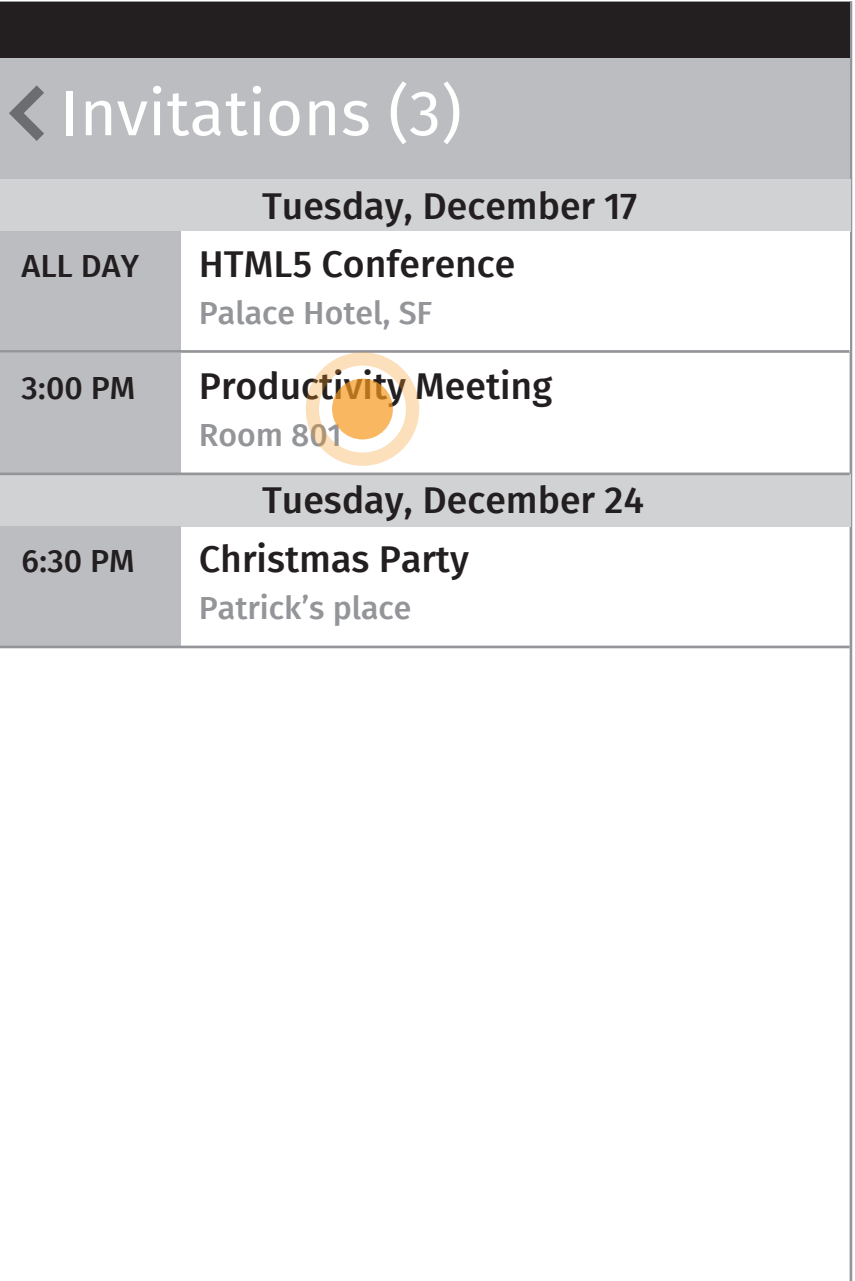


# Receive Event Invitations

## 1. Tap on Event Day

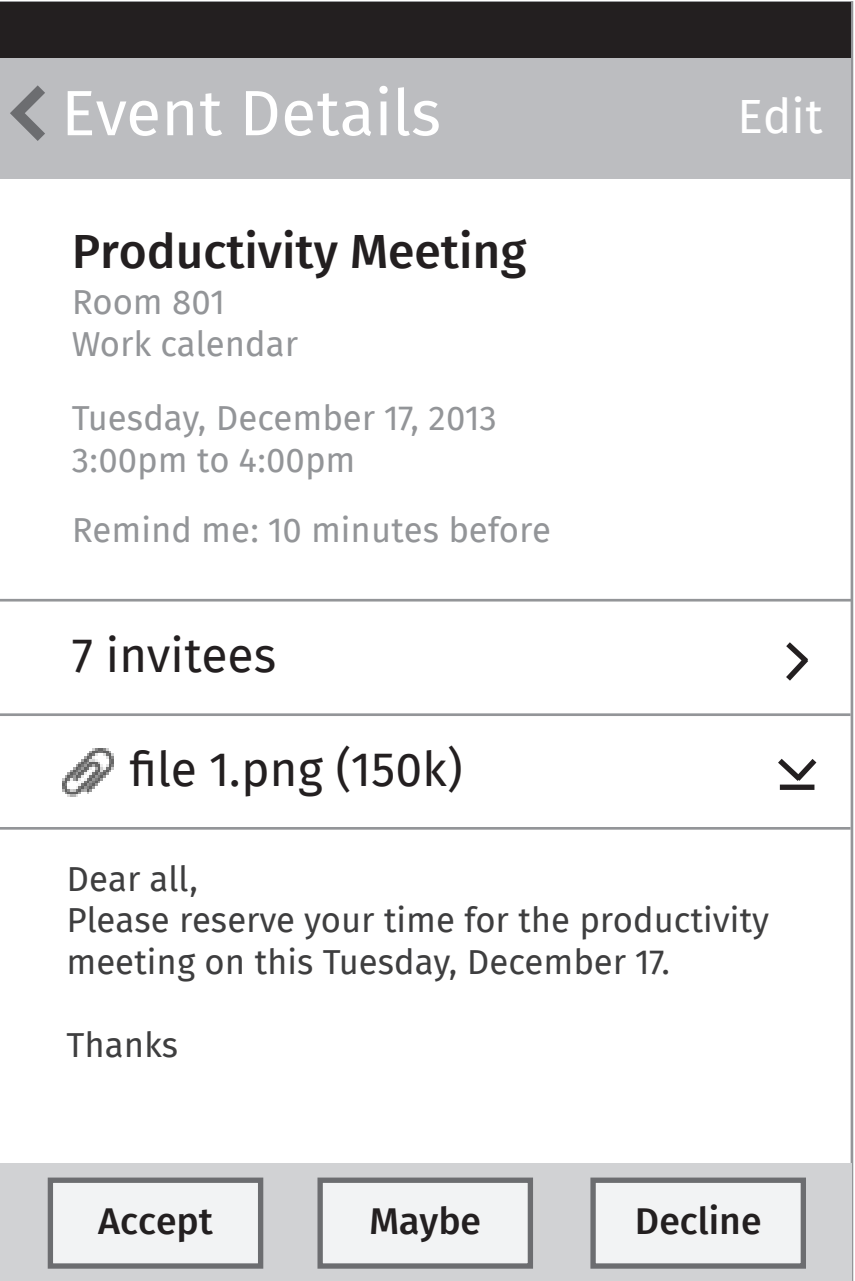


## 2. Tap on a Invitation



User taps on the new event in which they want to learn more about.

## 3. View Event Details

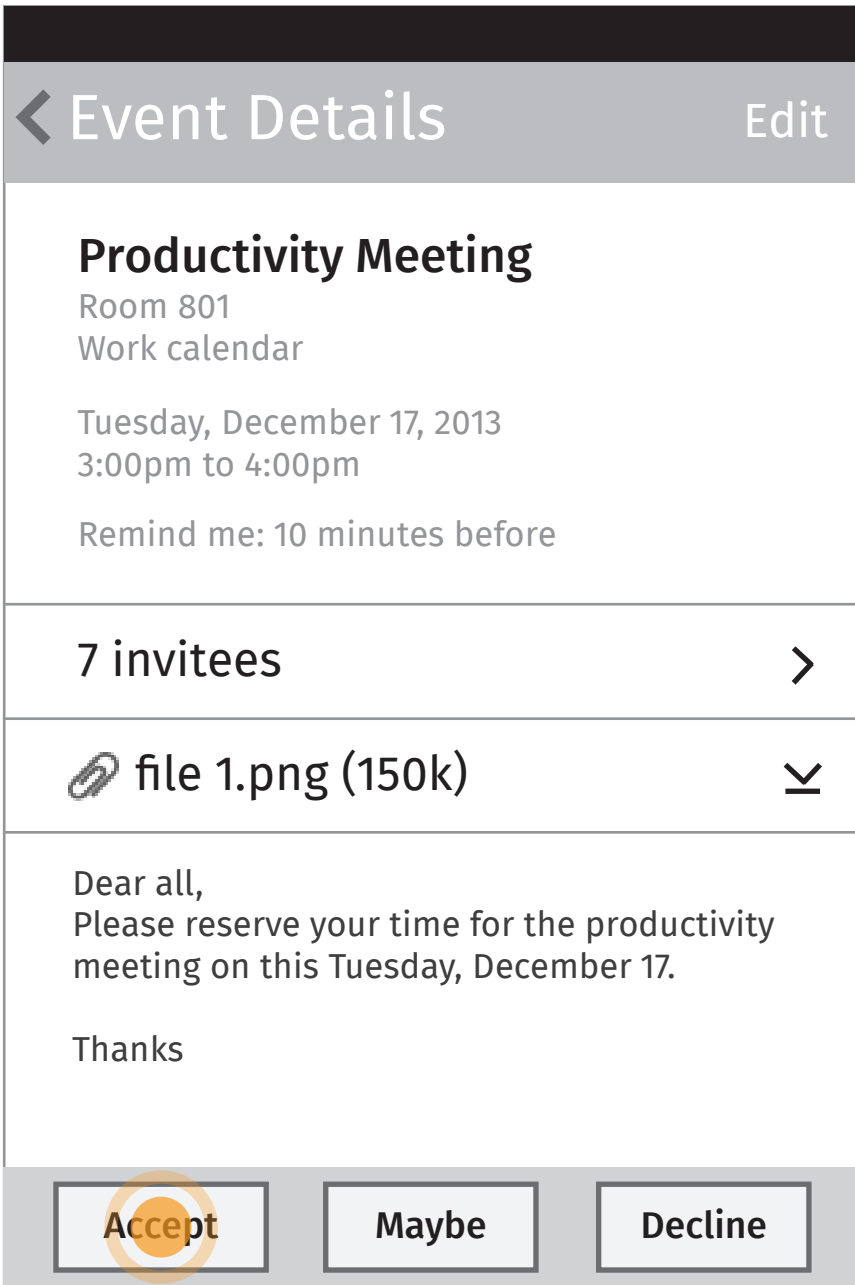


Here, users can view the event details and decline, accept or maybe the event.

Once the user answers an invite it will be removed from the Invitations list. (Screen 2)

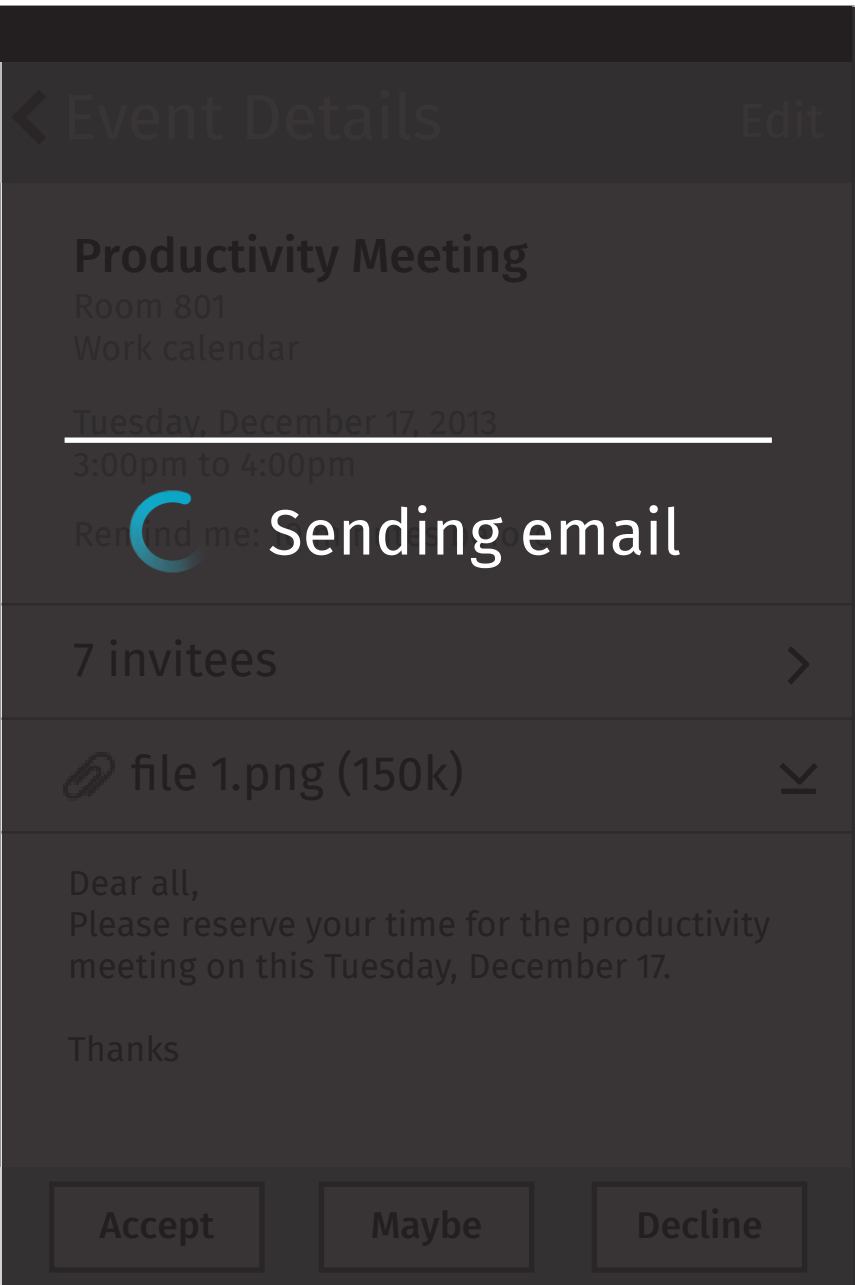
# Accept Event Invitation

1. Tap Accept Button



User taps the “Accept” button to inform the creator that they have accepted the invitation.

2. Sending Email



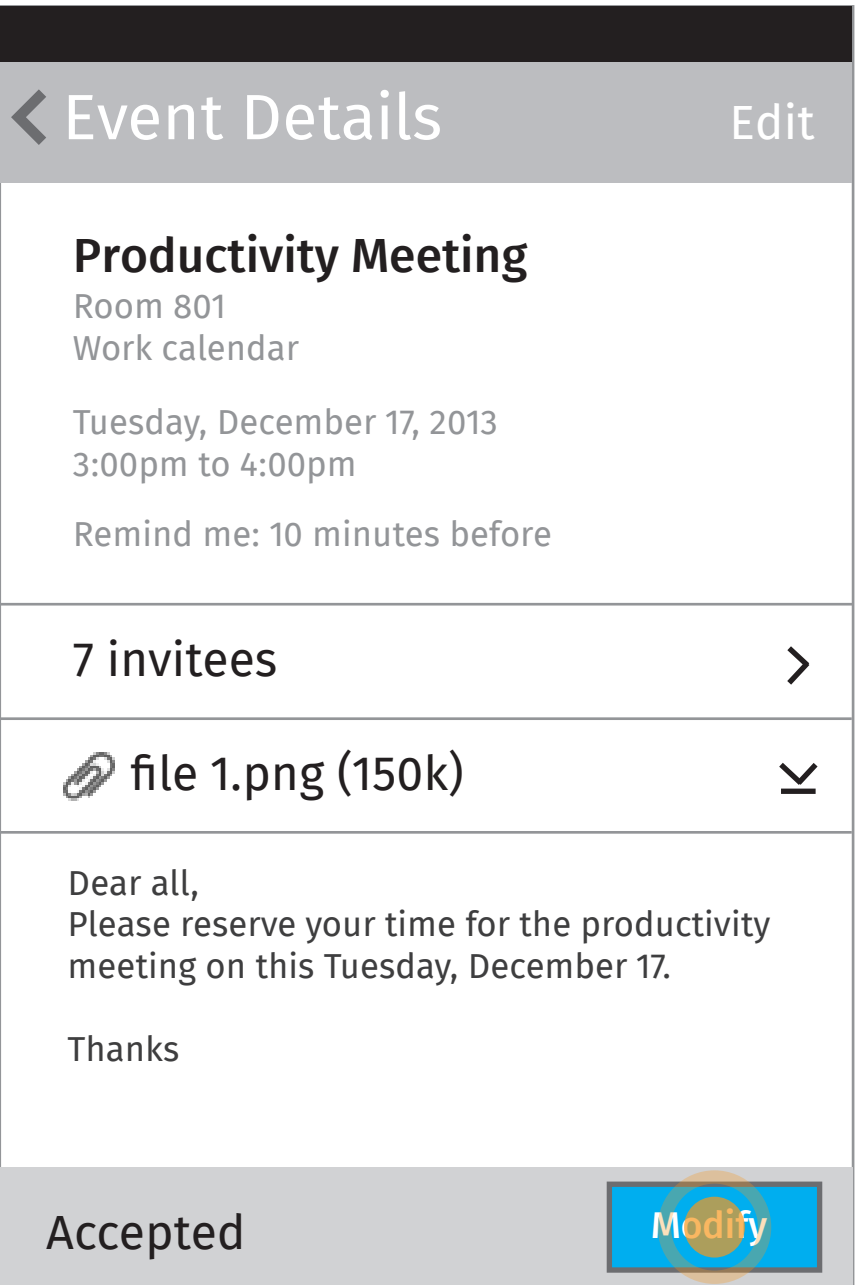
Email is sent to the creator of the event indicating that this user has accepted the invitation.

3. Return to Previous Location



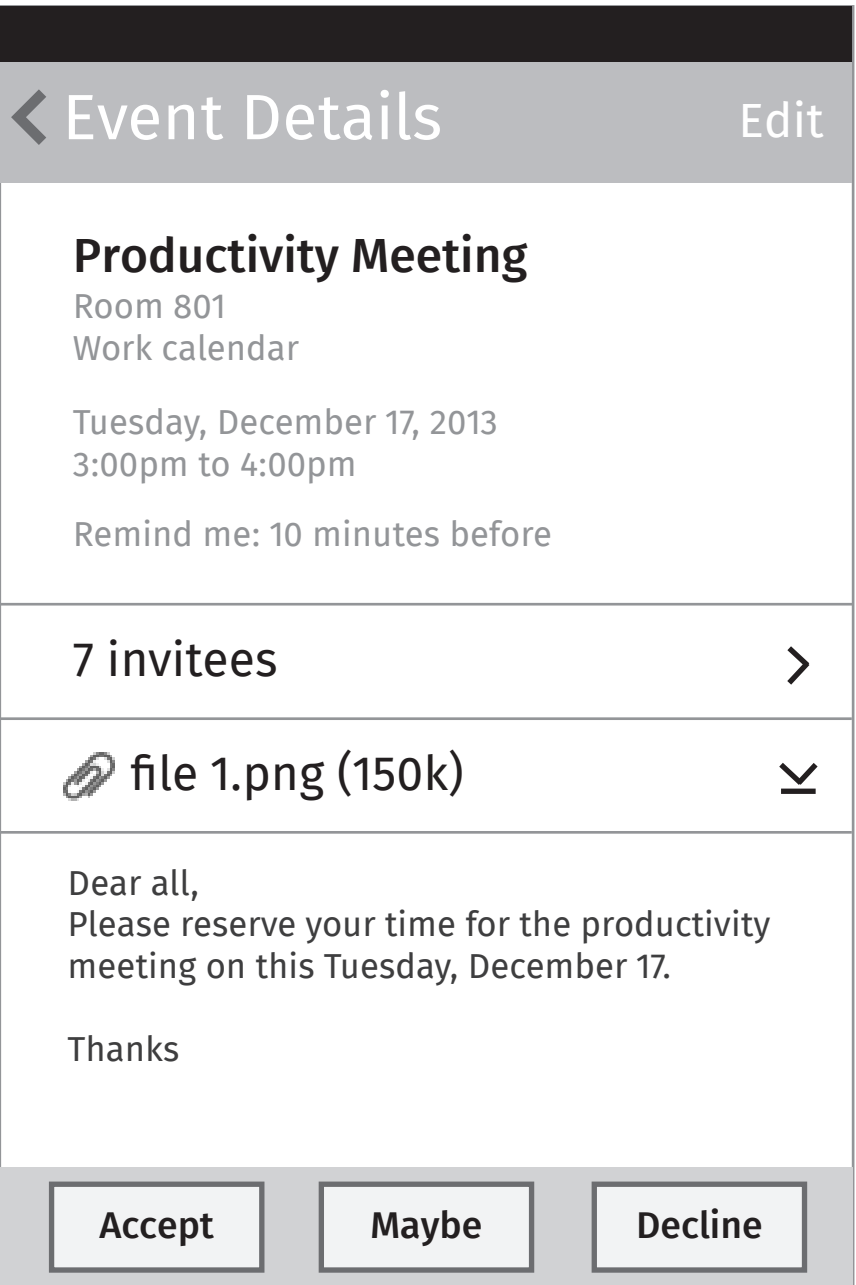
User is returned to their previous location.

4. Returning to the meeting invite



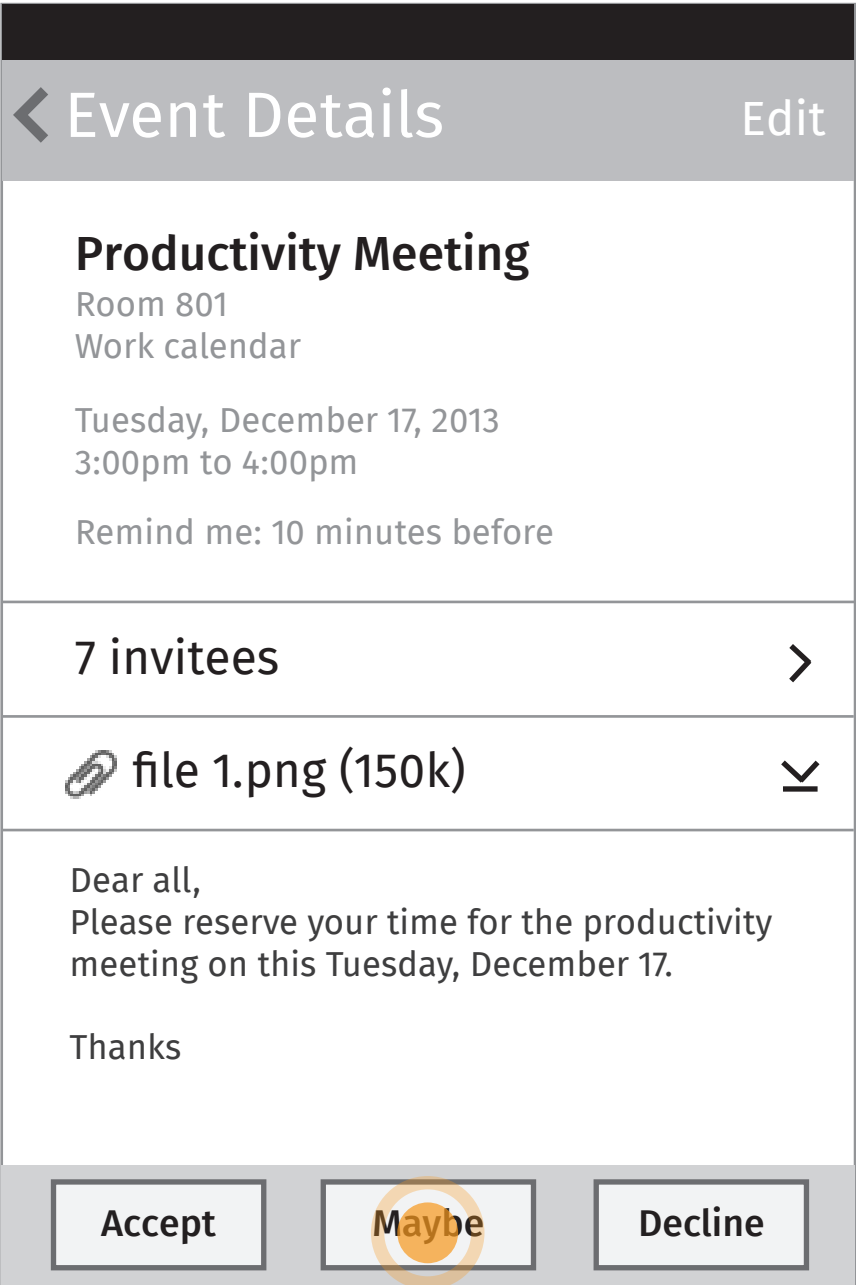
If the user returns to the previous invitation user will see that the event is accepted, and tap modify to make changes

5. Event Details



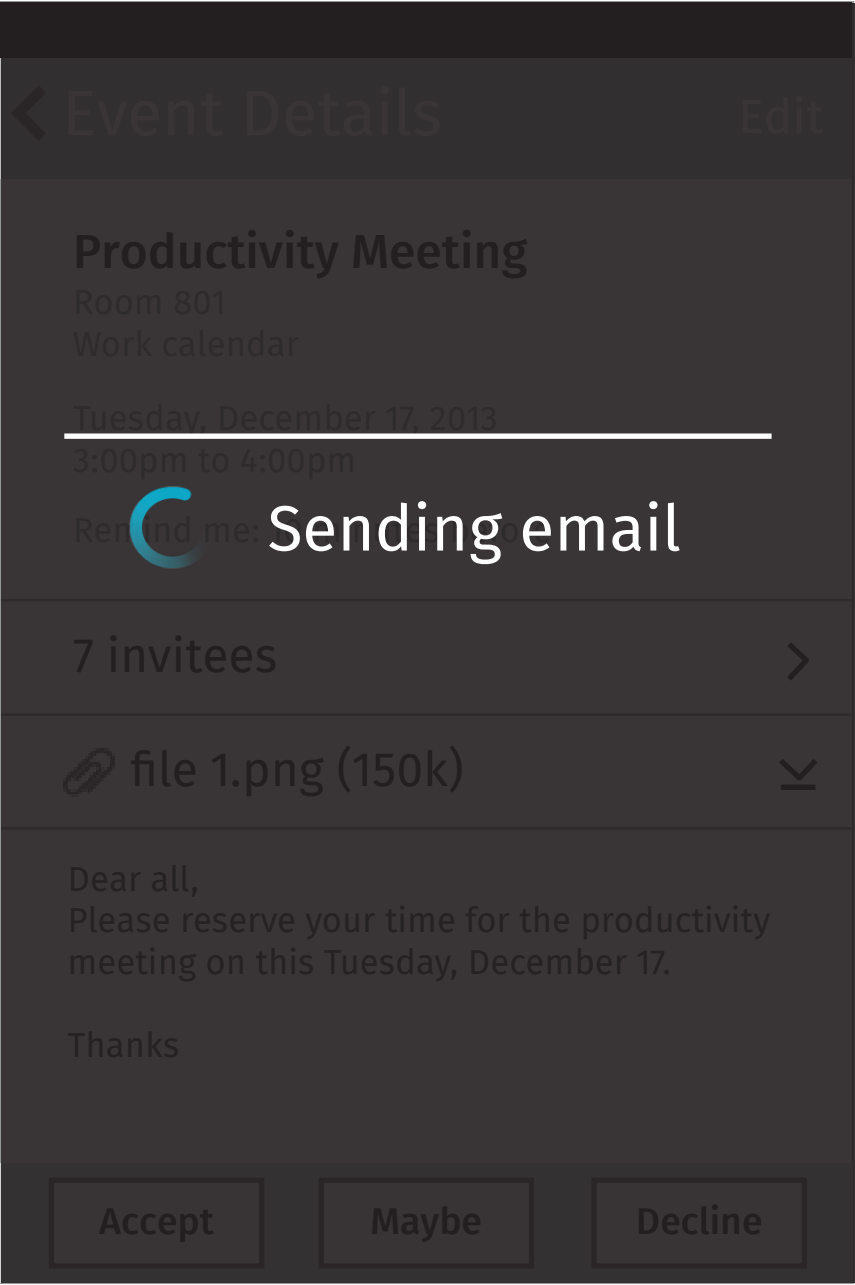
# Tentative Event Invitation

1. Tap Maybe Button



User taps the “Maybe” button to inform the creator that they have tentatively accepted the invitation.

2. Sending Email



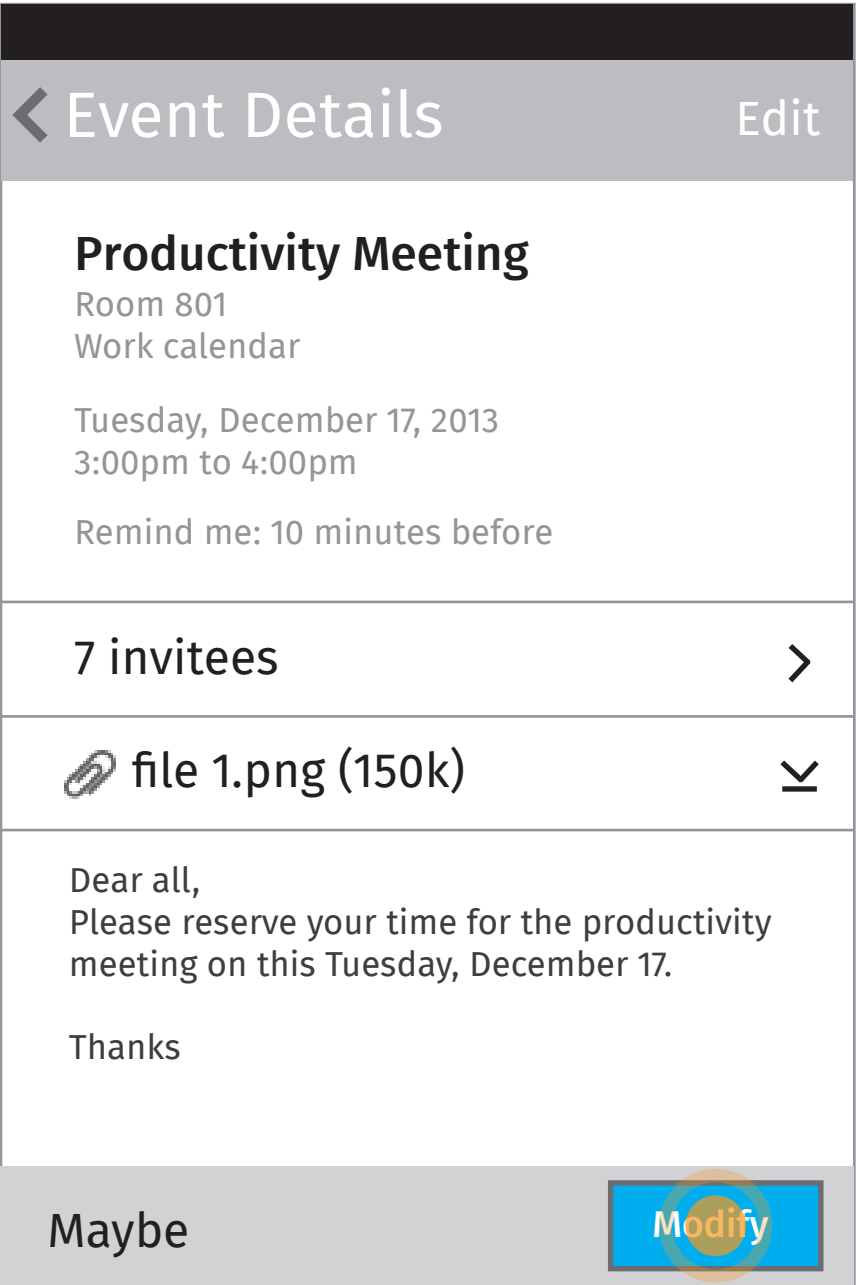
Email is sent to the creator of the event indicating that this user has tentatively accepted the invitation.

3. Return to Previous Location



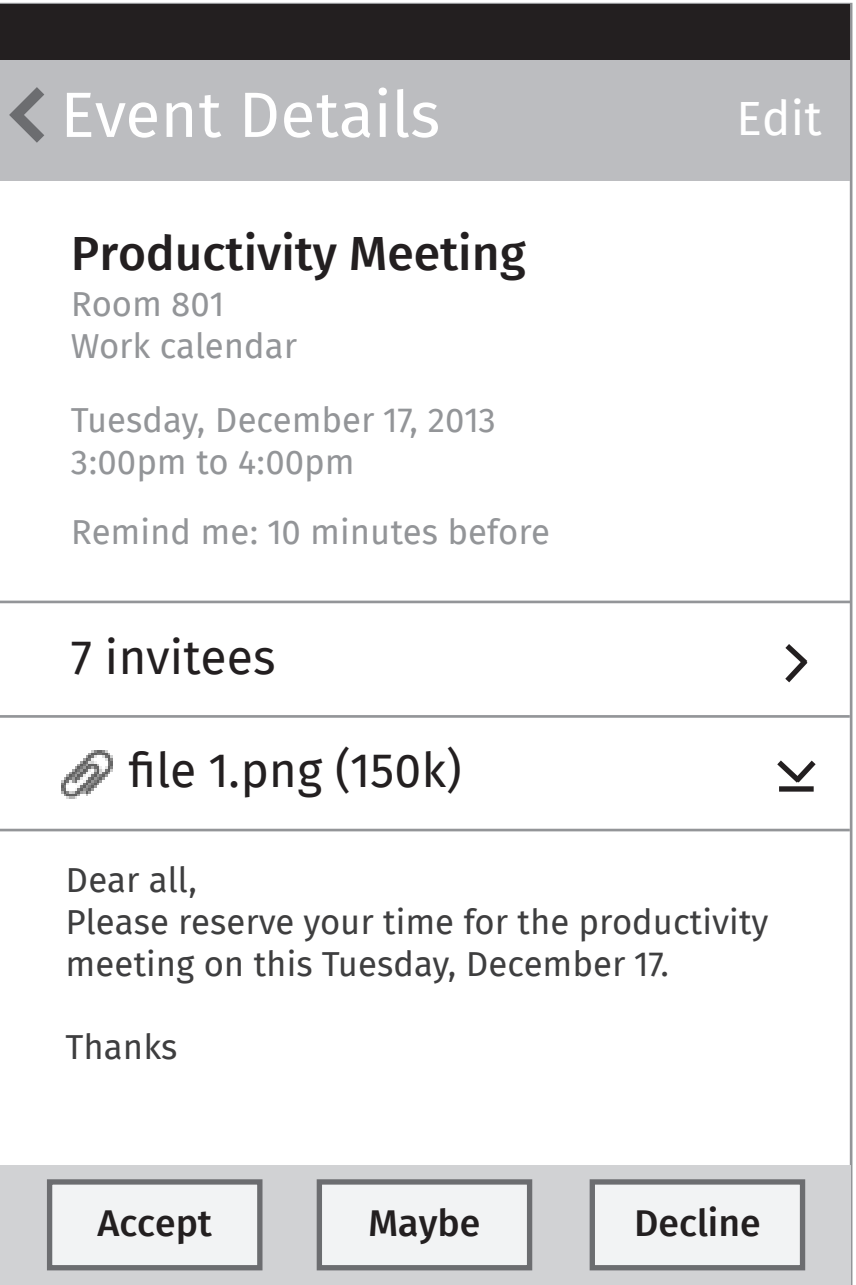
User is returned to their previous location.

4. Returning to the meeting invite



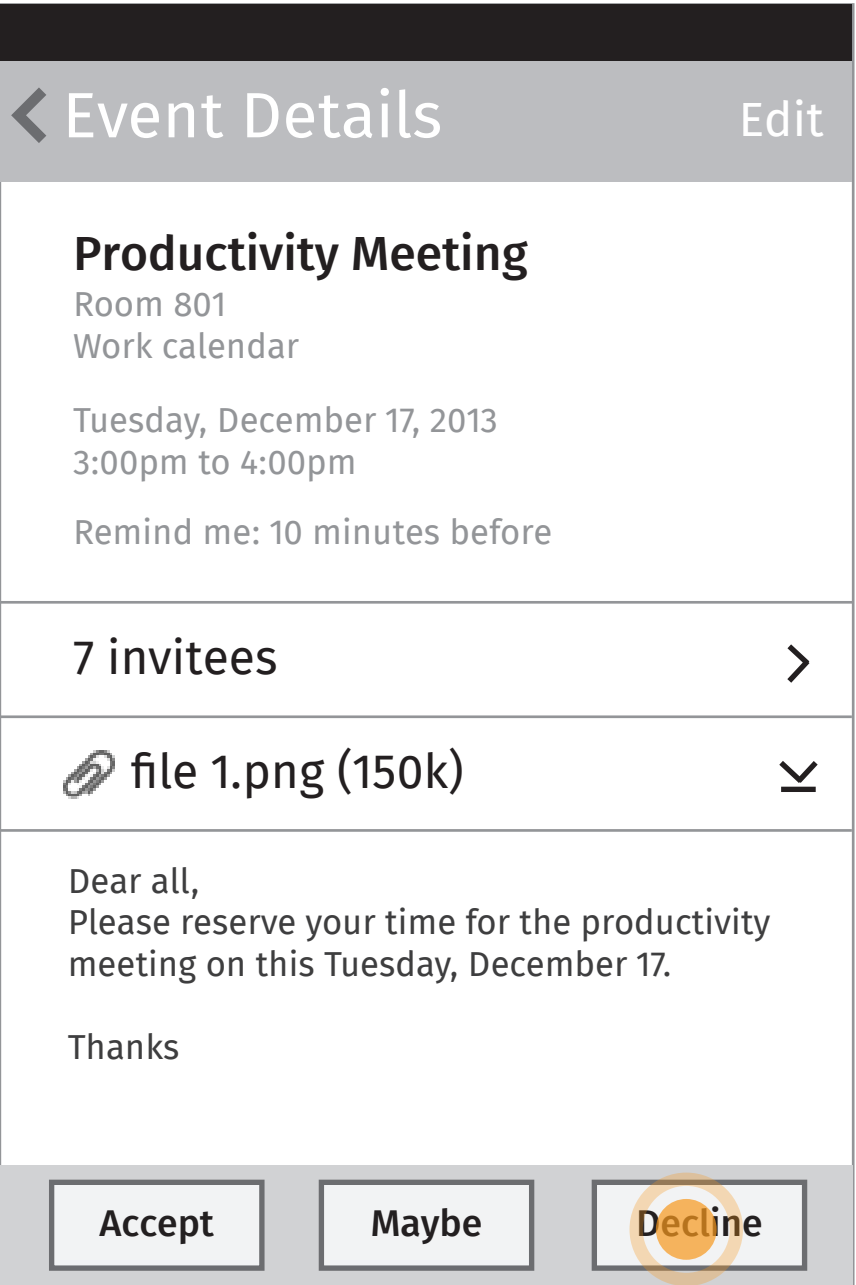
User will see that the “Maybe” button is highlighted.

5. Event Details



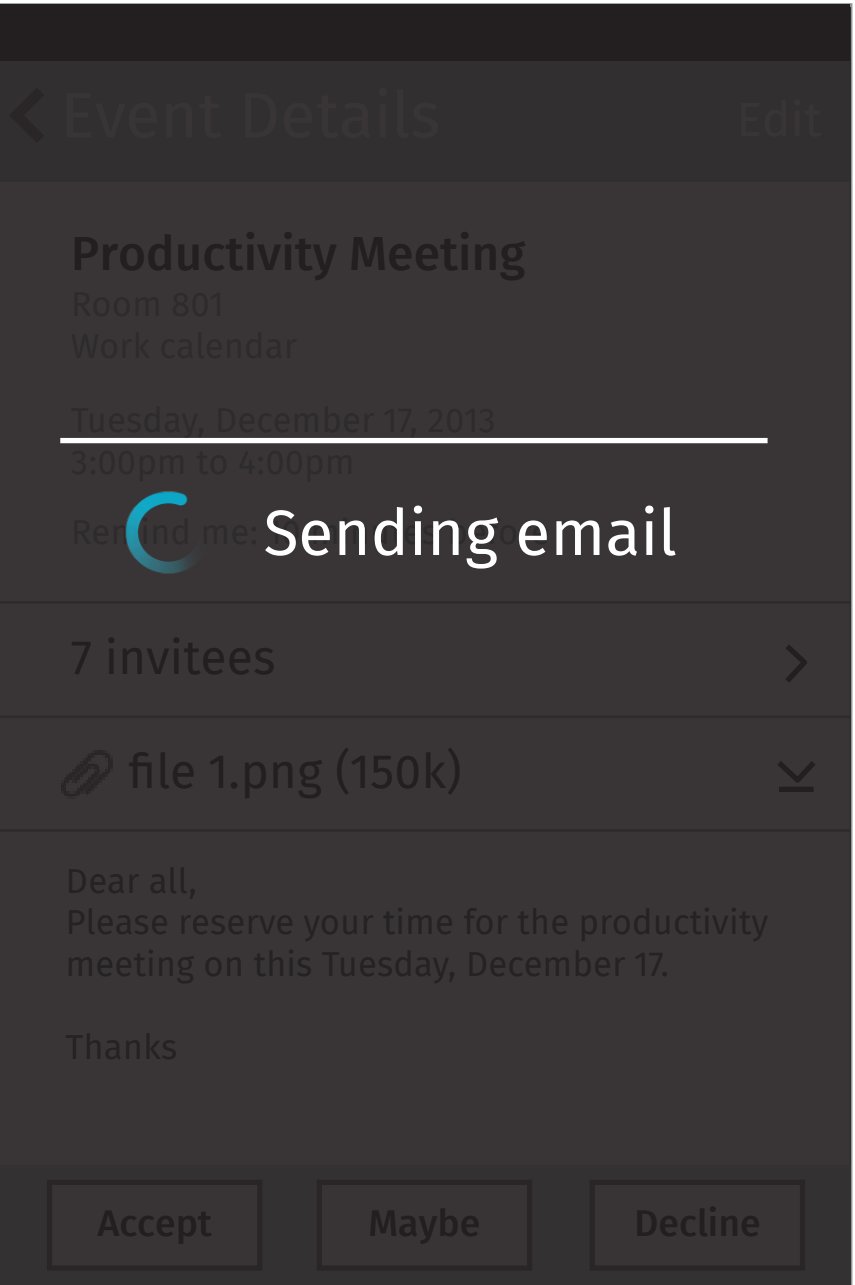
# Decline Event Invitation

## 1. Tap Decline Button



User taps the “Decline” button to inform the creator that they have declined the invitation.

## 2. Sending Email



Email is sent to the creator of the event indicating that this user has accepted the invitation.

## 3. Return to Previous Location



User is returned to their previous location.

If the user declines an invitation, the event is removed from all areas of the calendar application.

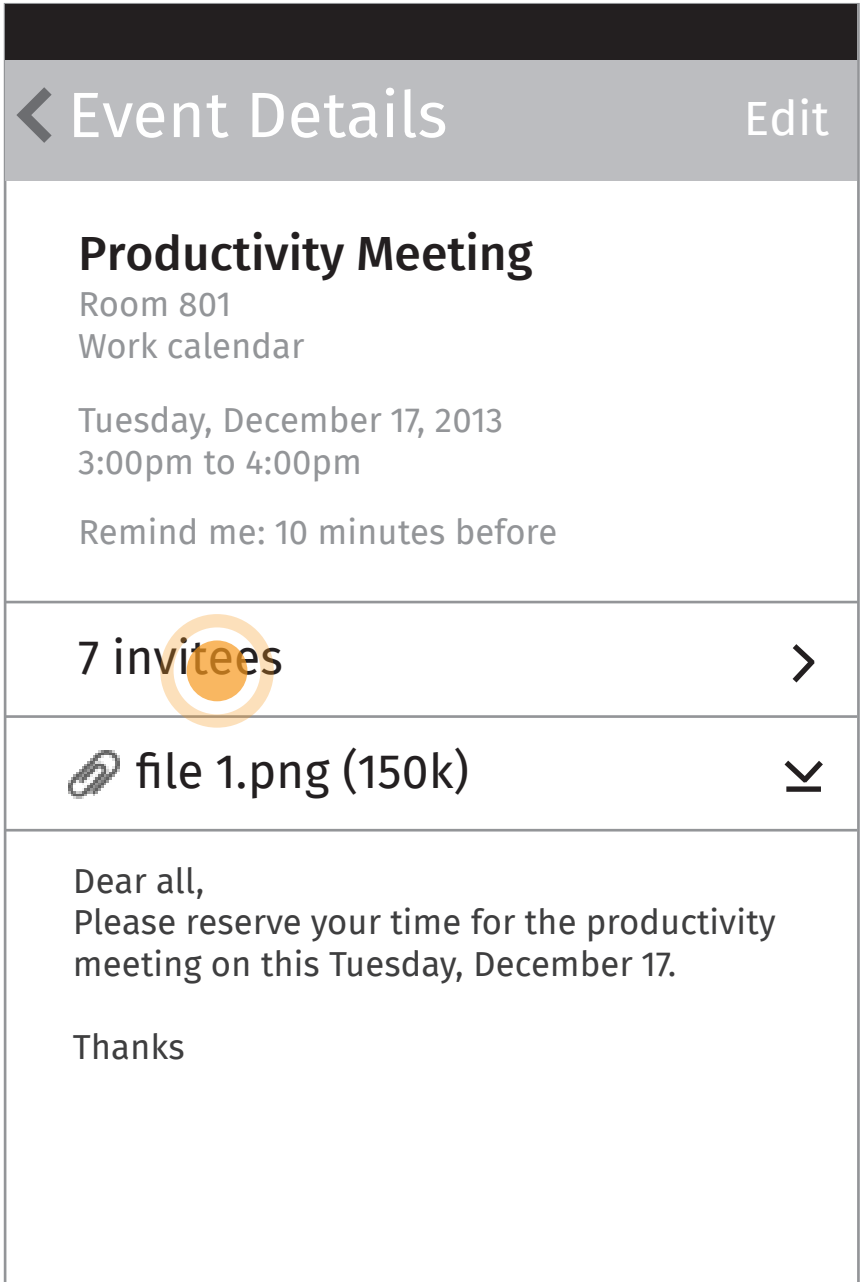
The user’s original email inviting them to the event will not be deleted and will remain in the user’s email inbox.

## Bug 932255

As a user, I would like to be notified of acknowledgements via email from recipients of my calendar event invitations, indicating to me which recipients accept or decline my invitation, so that I know in advance who to expect to attend the event.

# View Invitee List

## 1. View Event

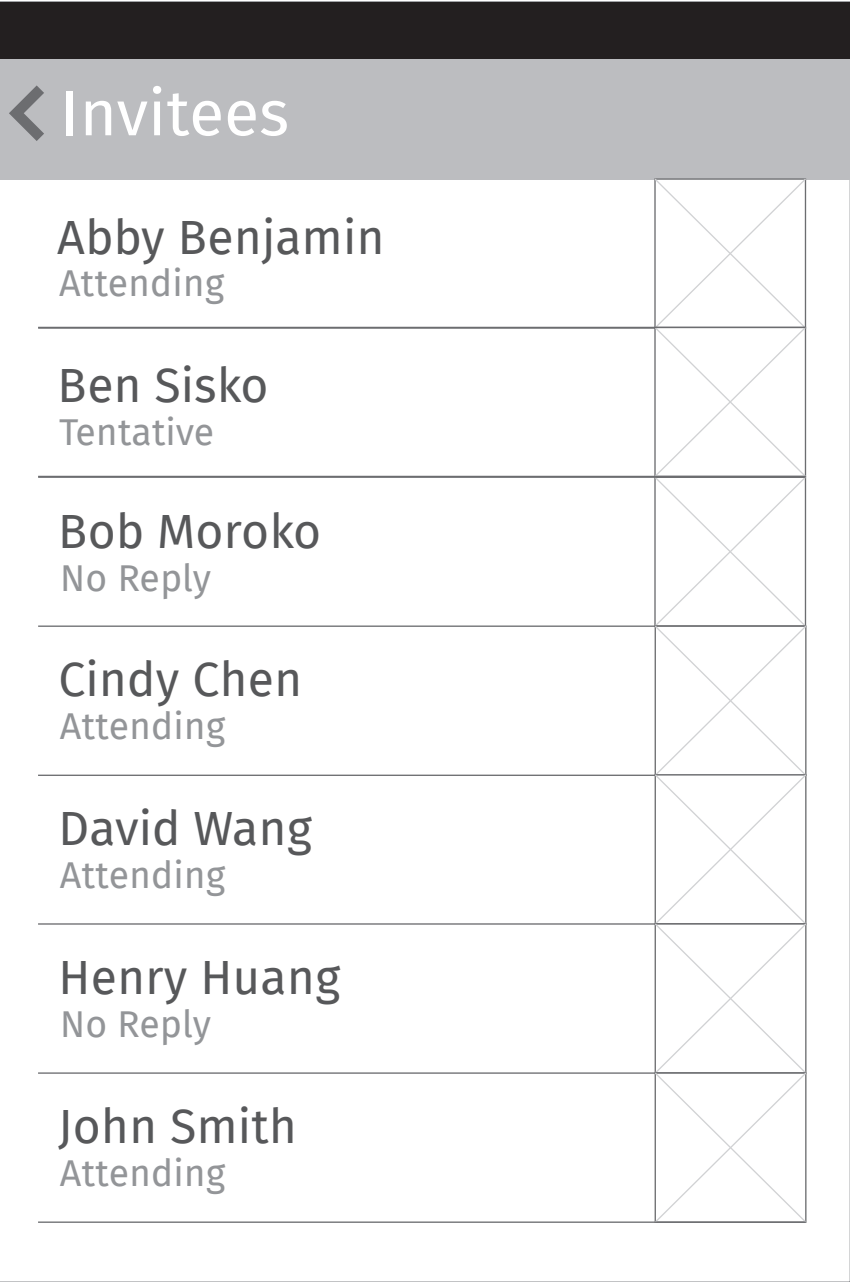


Owner of the event taps on the invitee list.

Acknowledgement response will be received by the event owner via email with notification.

If there are no invitees, this line item will not appear.

## 2. View Invitee List



Invitees can be viewed, with labels showing if they have accepted or declined the invitation.

User taps on the 'edit' button. This button will only be displayed for the owner of the event.

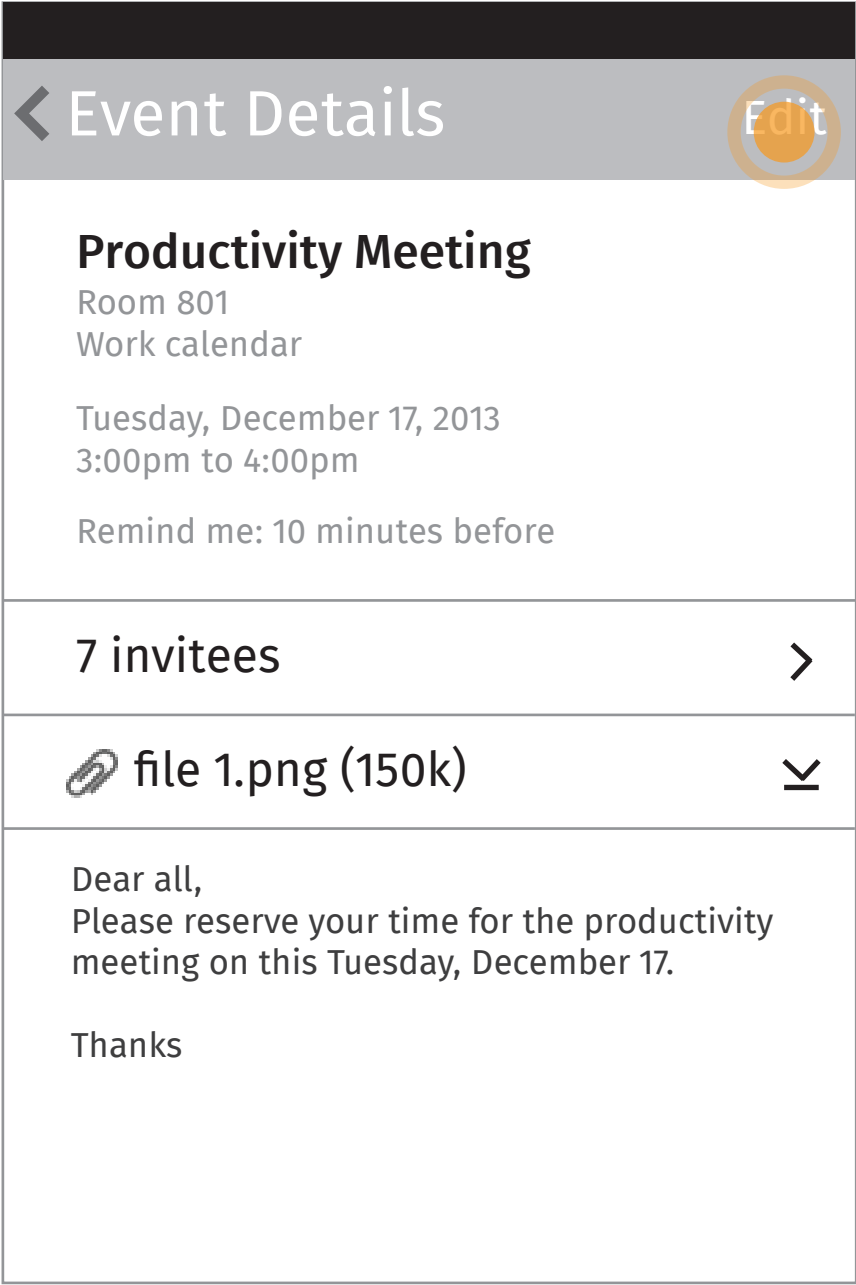
## Bug 932260

As a user, I would like to be able to edit calendar events so that I can make modifications to my events after they are created.



# Modify Invite Event

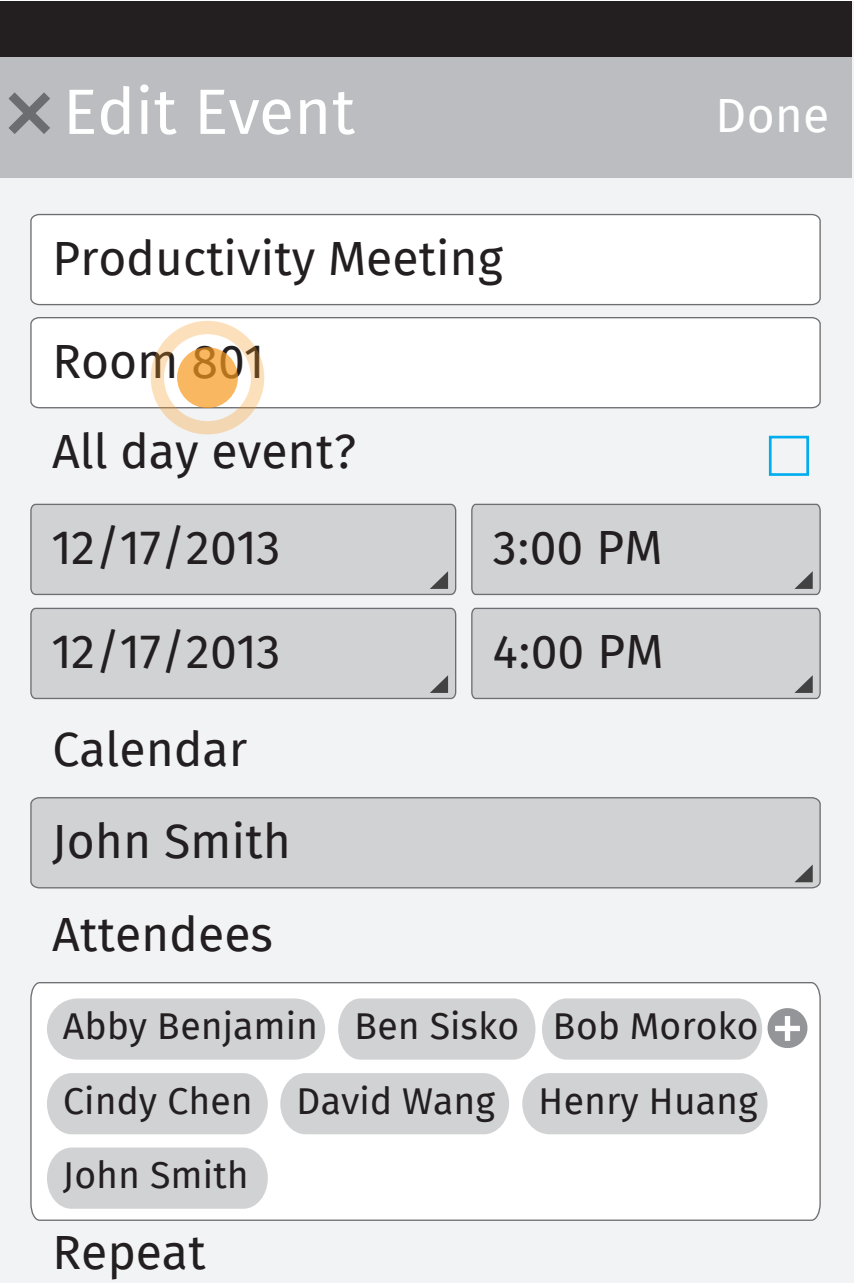
## 1. Tap Edit



User tap edit to edit invite event.

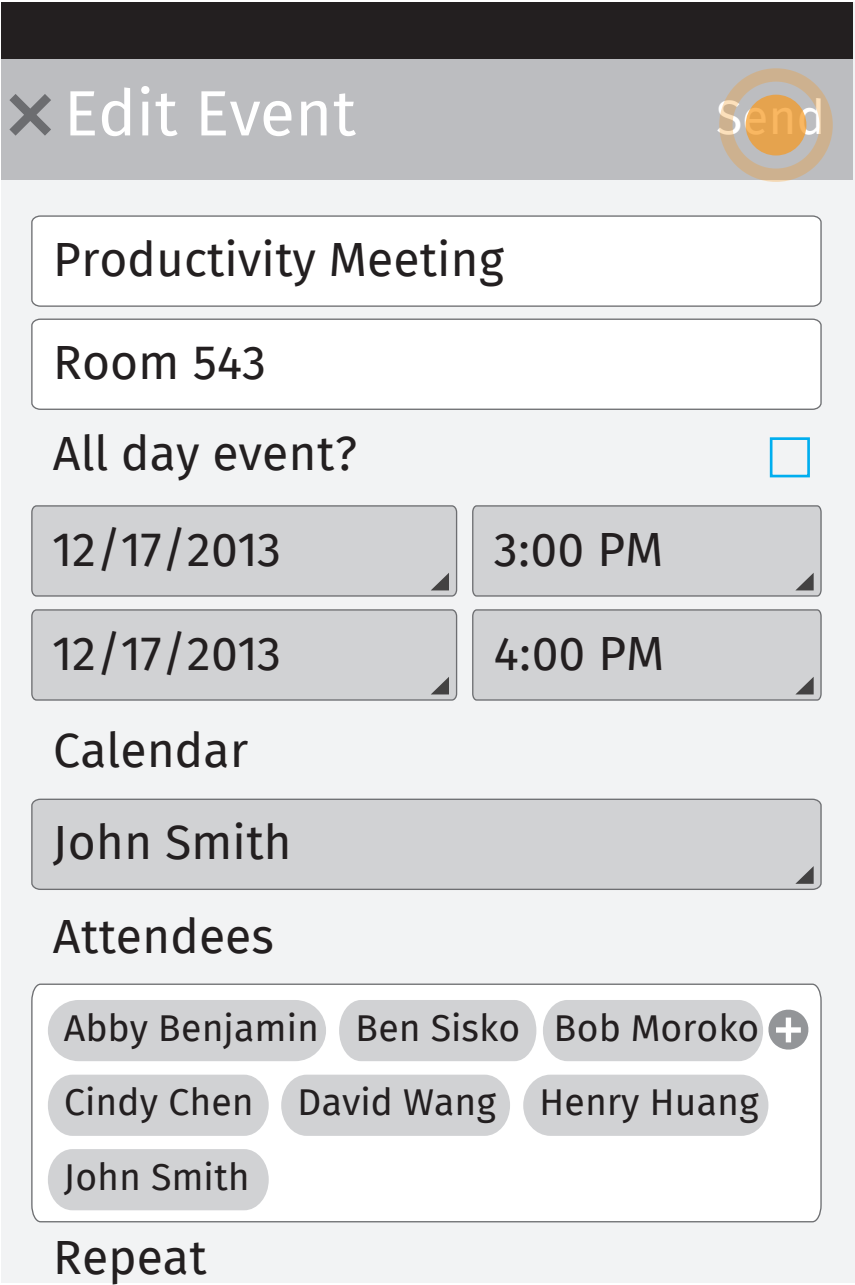
Invite event created by the user will not have accept, maybe and decline button.

## 2. Modify Event



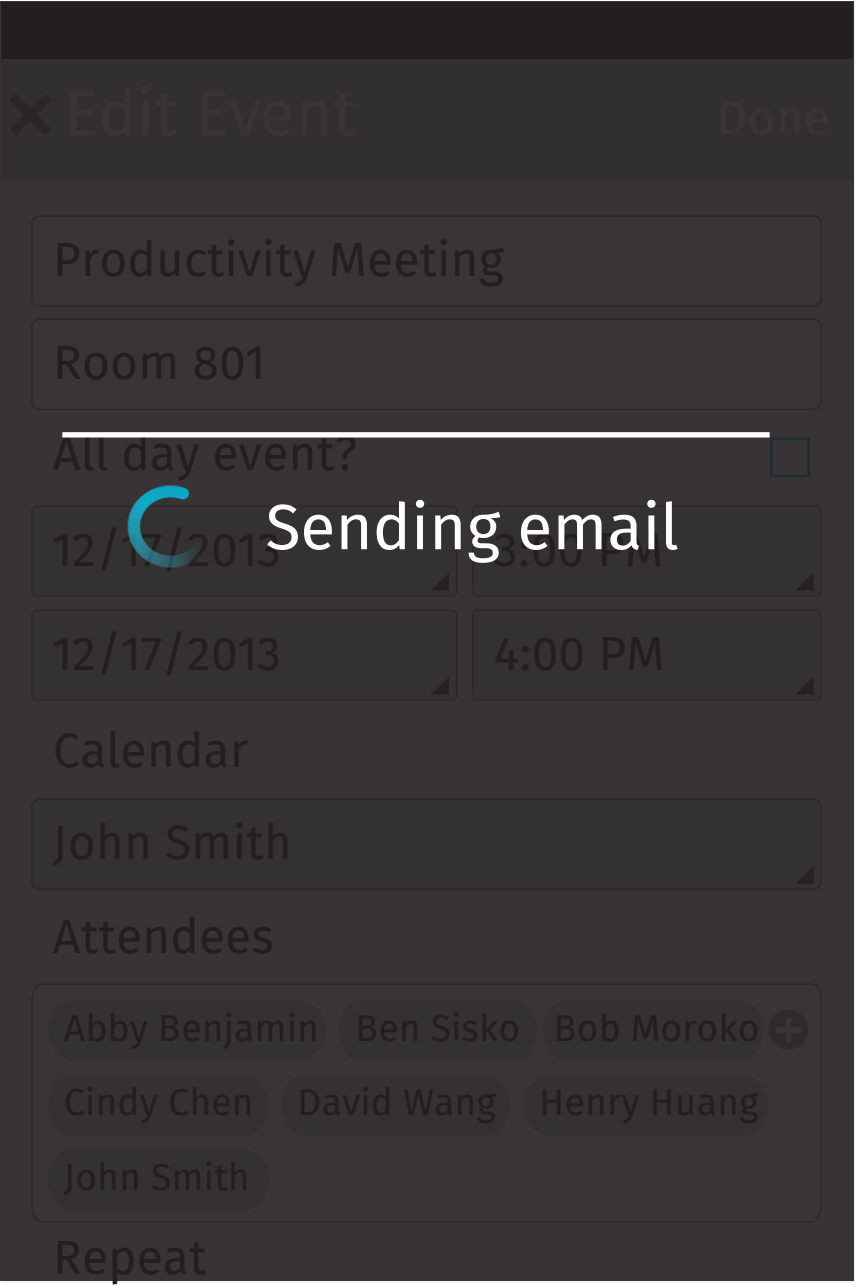
User modify event.

## 3. Tap Send



User tap delete will sent out a update to all attendees.

## 4. Email Sent



System will return to event details after email is sent.

# Add Attendees to Existing Event

## 1. Edit Event

✕

Edit Event

Done

Productivity Meeting

Room 801

All day event?

12/17/2013

3:00 PM

12/17/2013

4:00 PM

Calendar

John Smith

Attendees

Abby Benjamin

Ben Sisko

Bob Moroko

+

Cindy Chen

David Wang

Henry Huang

John Smith

Repeat

User adds another attendee to the invite list.

## 2. Select Contact

✕

Select Contact

Q

Search

A

Abby Benjamin

Mozilla

Amy Hu

Mozilla

Andy Lau

Mozilla

Ashley Hilton

Mozilla

B

Ben Carpenter

Mozilla

Betty Shan

User taps on contact that they wish to add to the attendees list.

Email error handling and interaction patterns will follow the email compose patterns.

## 3. Tap Send

✕

Edit Event

Send

Productivity Meeting

Room 801

All day event?

12/17/2013

3:00 PM

12/17/2013

4:00 PM

Calendar

John Smith

Attendees

Abby Benjamin

Ben Sisko

Bob Moroko

+

Cindy Chen

David Wang

Henry Huang

John Smith

Ben Carpenter

Repeat

User taps send to update the new attendee about the invitation.

If the creator of the event add new attendees but do not alter any aspects of the event, tap send in event will only send out a new invitation to the added recipients.

If the creator of the event add new attendees and alter other aspects of the event, tap send in event will send out an updated invitation to the original recipients and a new invitation to added recipients.

## 4. Email Sent

✕

Edit Event

Send

Productivity Meeting

Room 801

All day event?

12/17/2013

3:00 PM

12/17/2013

4:00 PM

Calendar

John Smith

Attendees

Abby Benjamin

Ben Sisko

Bob Moroko

+

Cindy Chen

David Wang

Henry Huang

John Smith

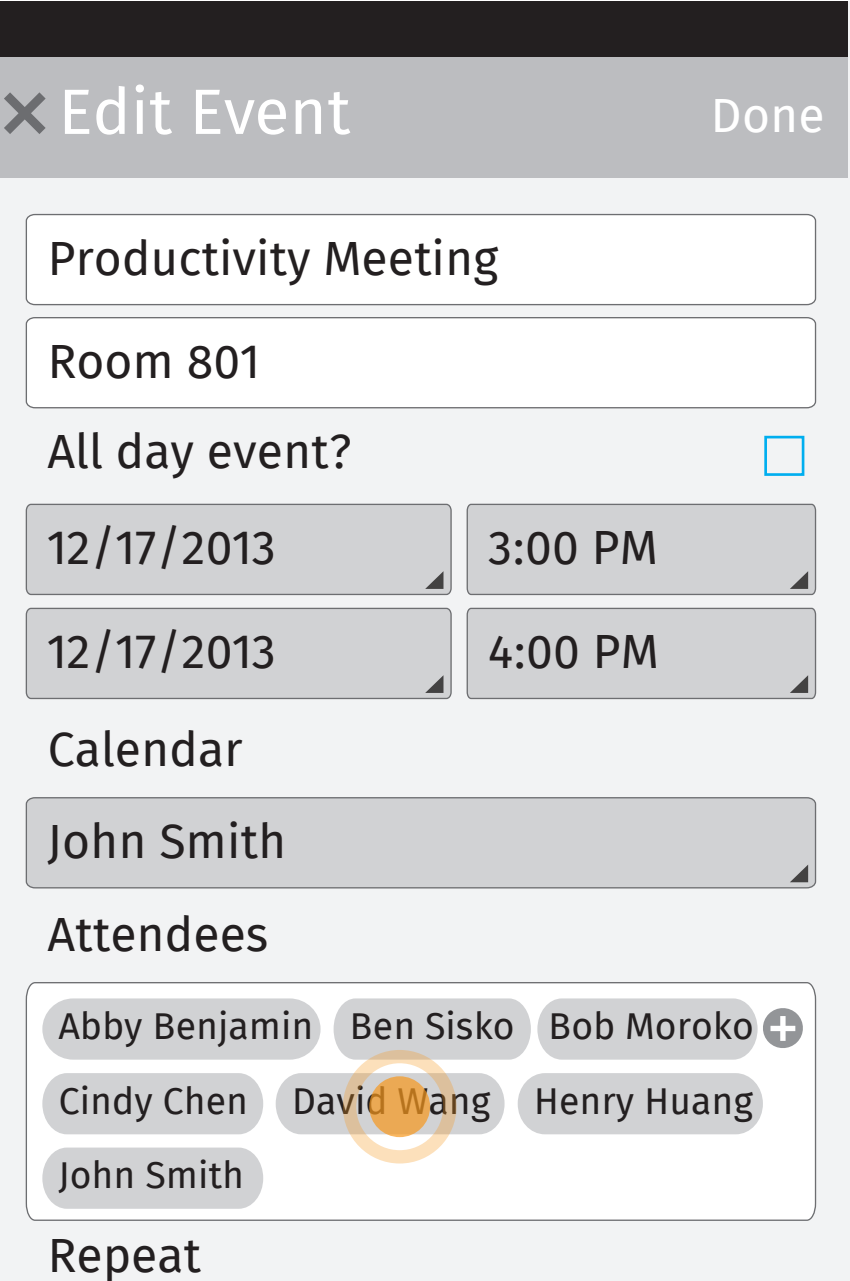
Ben Carpenter

Repeat

System will return to the event details after email is sent.

# Remove Attendees from Existing Event

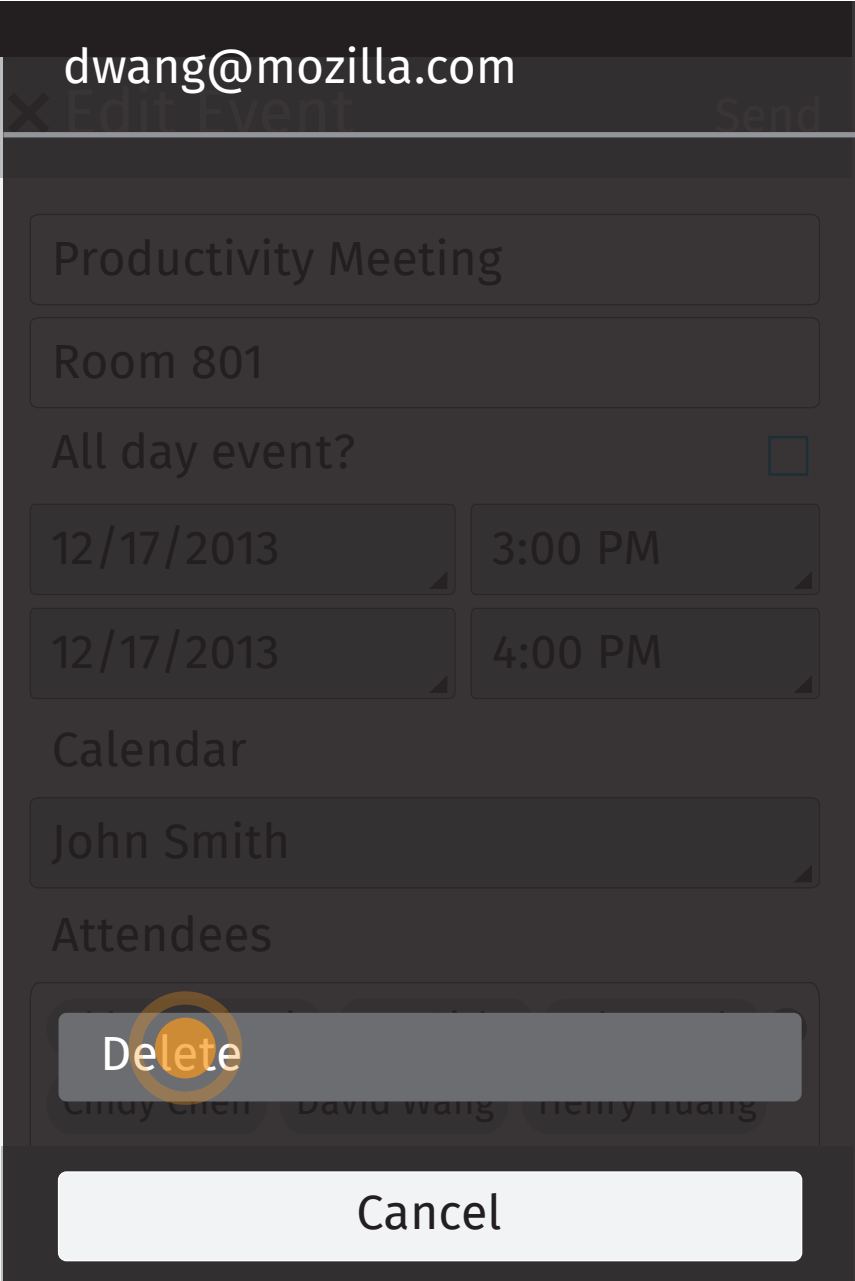
## 1. Edit Event



User taps a attendee within invite list.

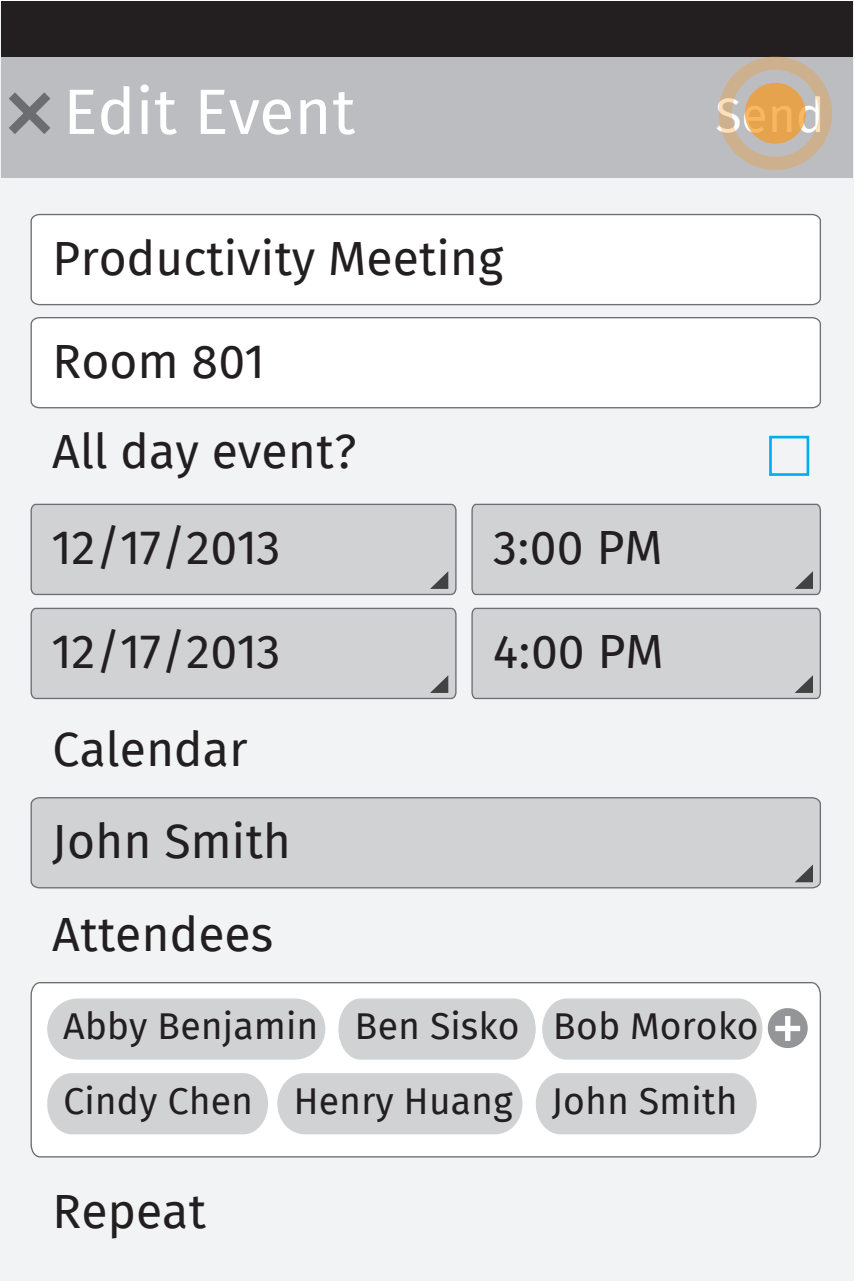
User can also remove a attendee by tapping back space on keyboard.

## 2. Tap Delete



User taps delete to remove the attendee.

## 3. Tap Send

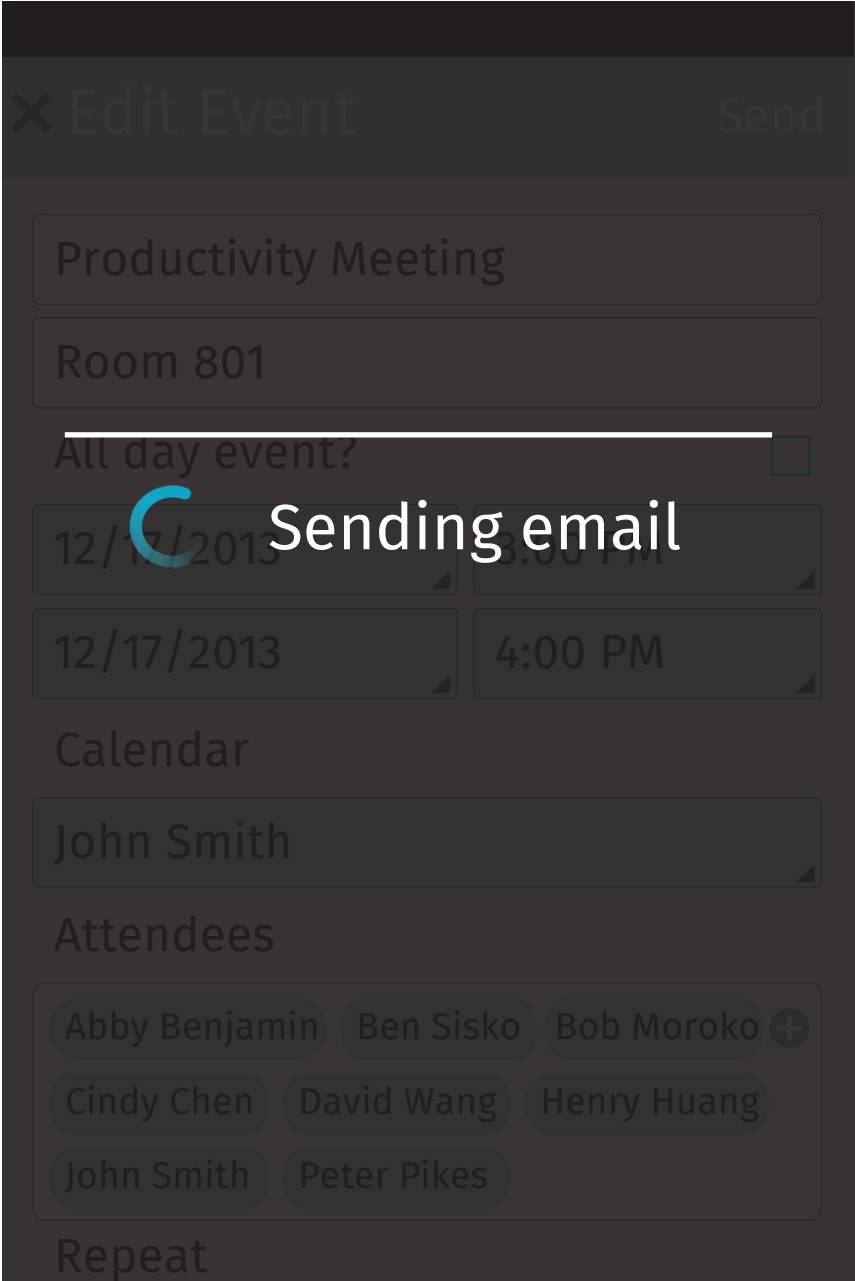


User taps send to update the new attendee about the invitation.

If the creator of the event remove attendees but do not alter any aspects of the event, tap send in event will only send out a cancellation notice to removed recipients.

If the creator of the event remove attendees and alter other aspects of the event, tap send in event will send out an updated invitation to the original recipients and a cancellation notice to removed recipients.

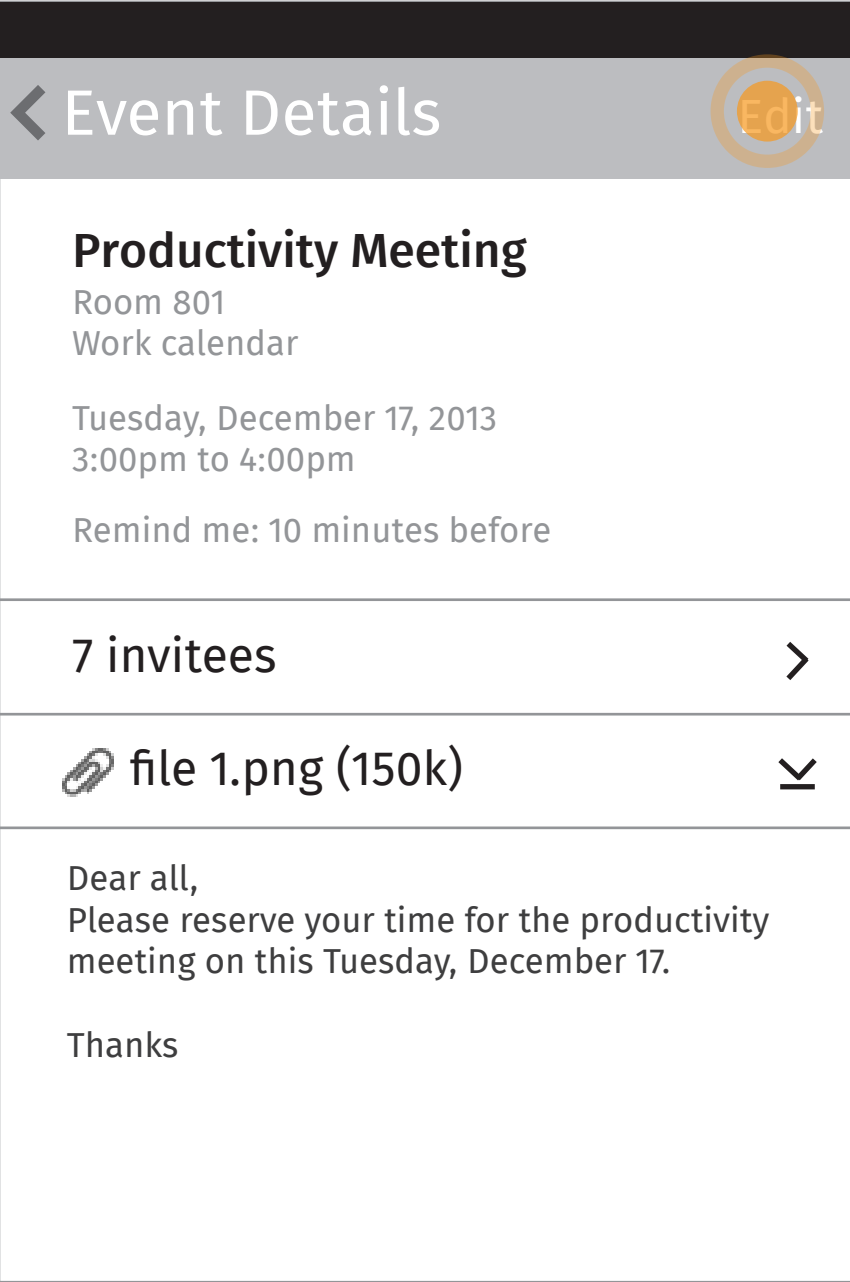
## 4. Email Sent



System will return to the event details after email is sent.

# Delete Invite Event

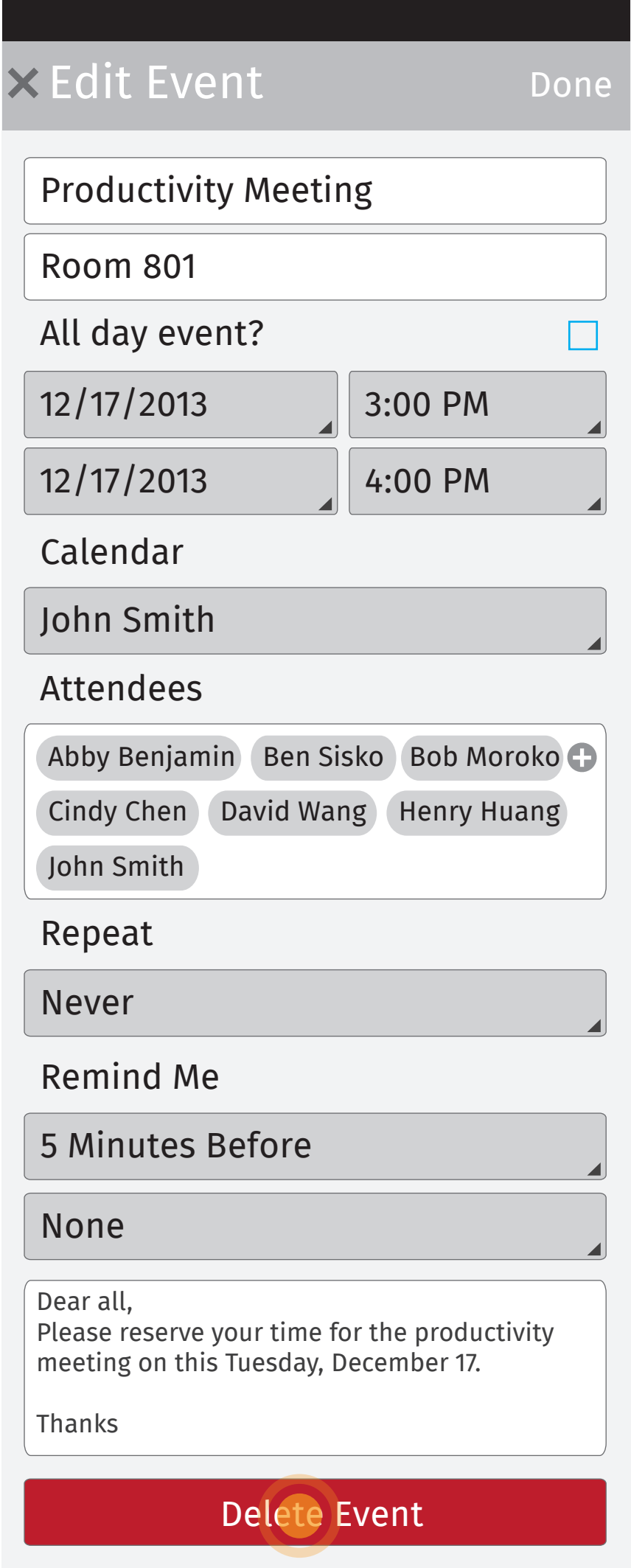
## 1. Tap Edit



User tap edit to edit invite event.

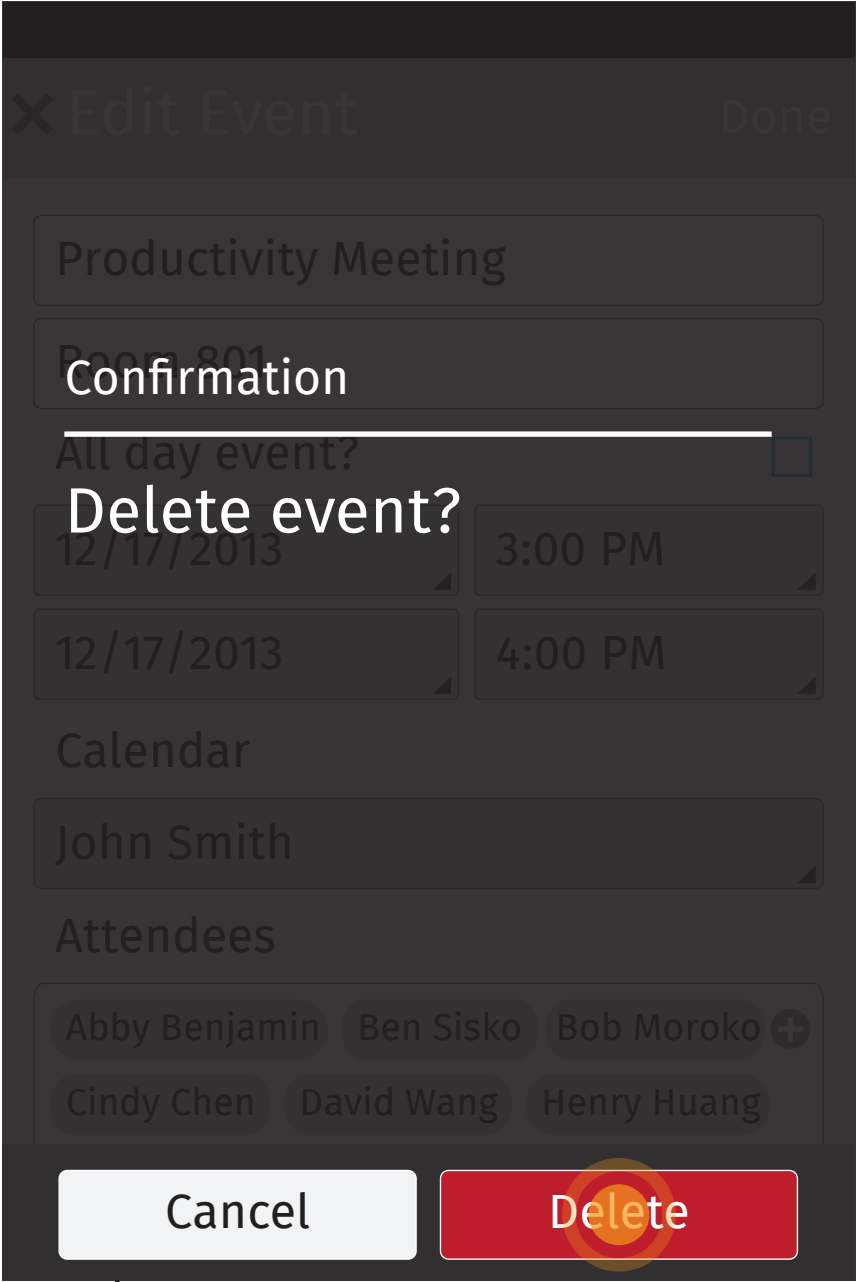
Invite event created by the user will not have accept, maybe and decline button.

## 2. Tap Delete Event



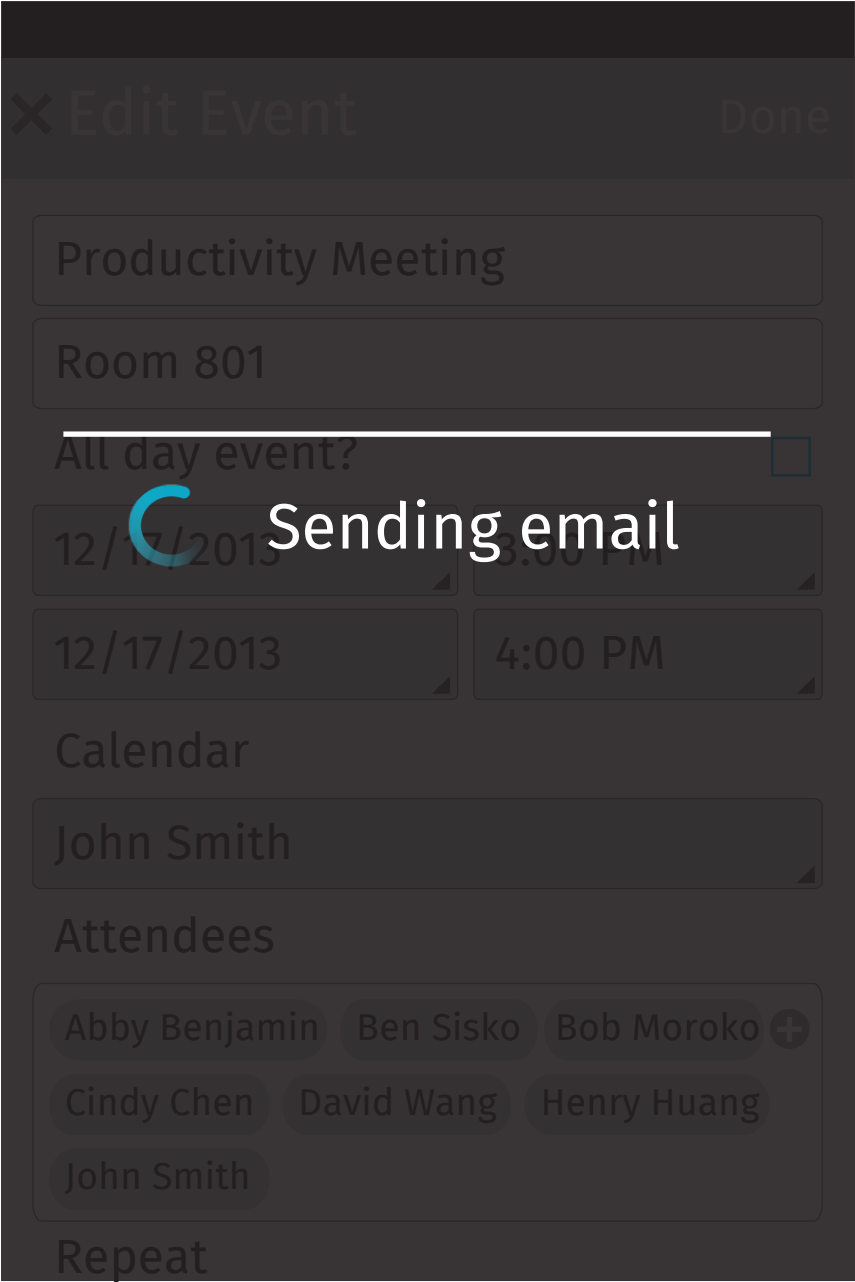
User taps delete event to remove event

## 3. Tap Delete



User tap delete will delete the event from calendar, and a cancellation notice will be sent out to all attendees.

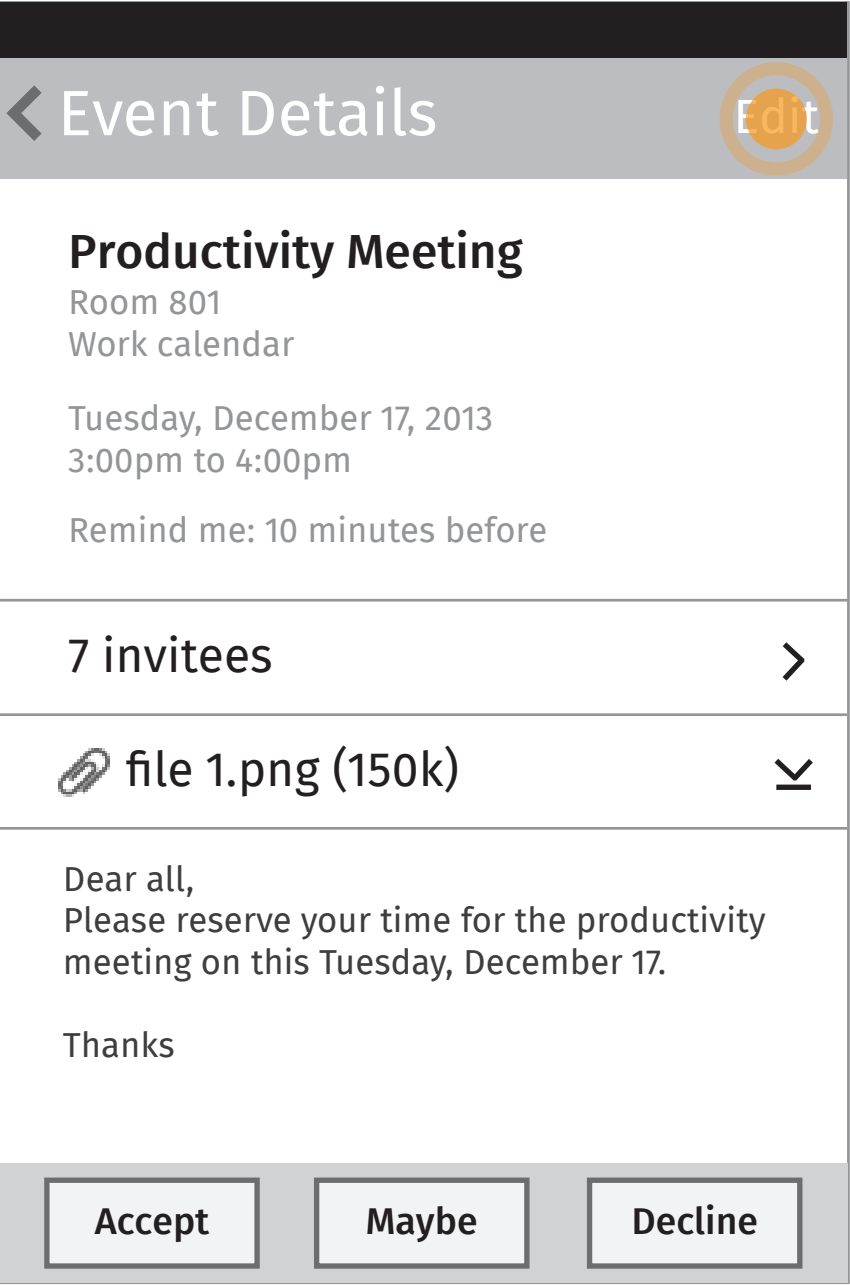
## 4. Email Sent



System will return to their previous view after email is sent.

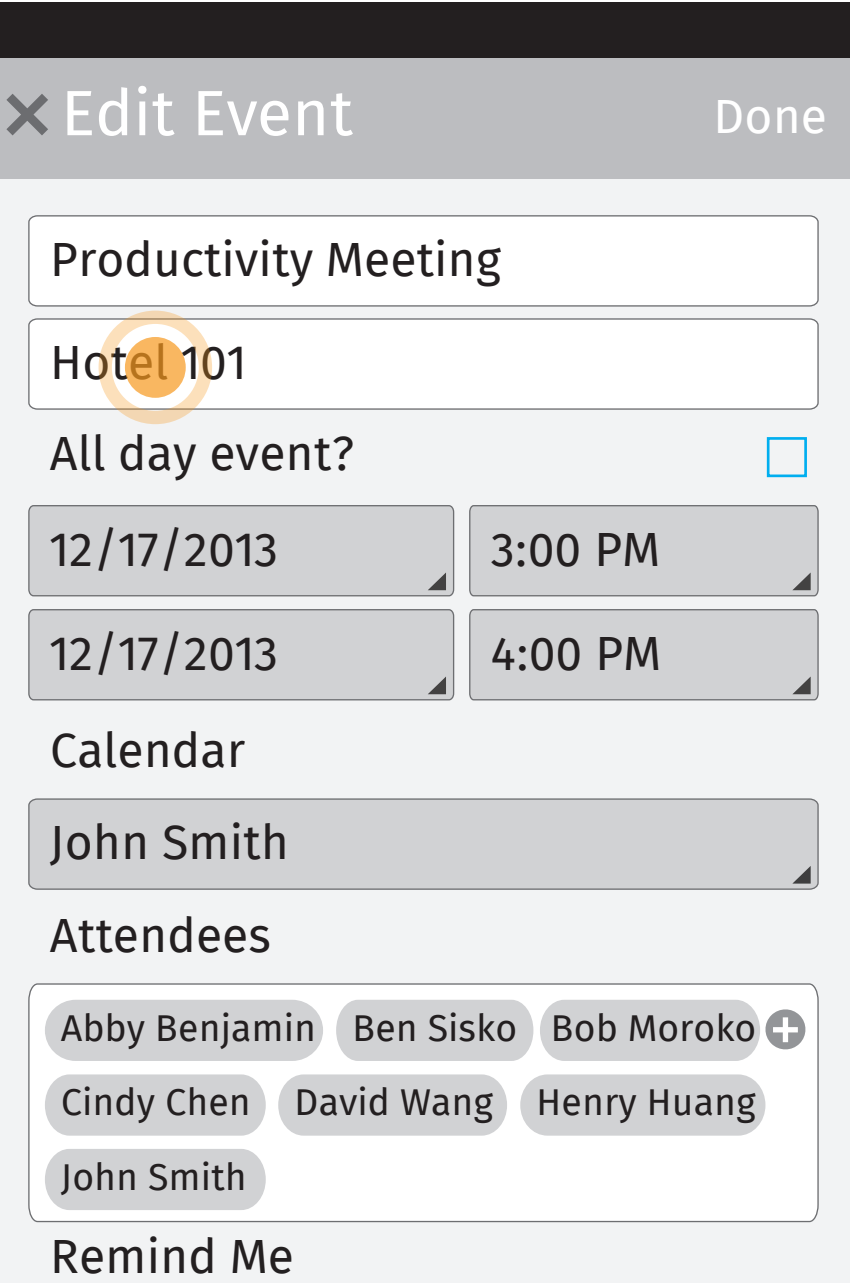
# Edit Event Invitation

## 1. Tap Edit



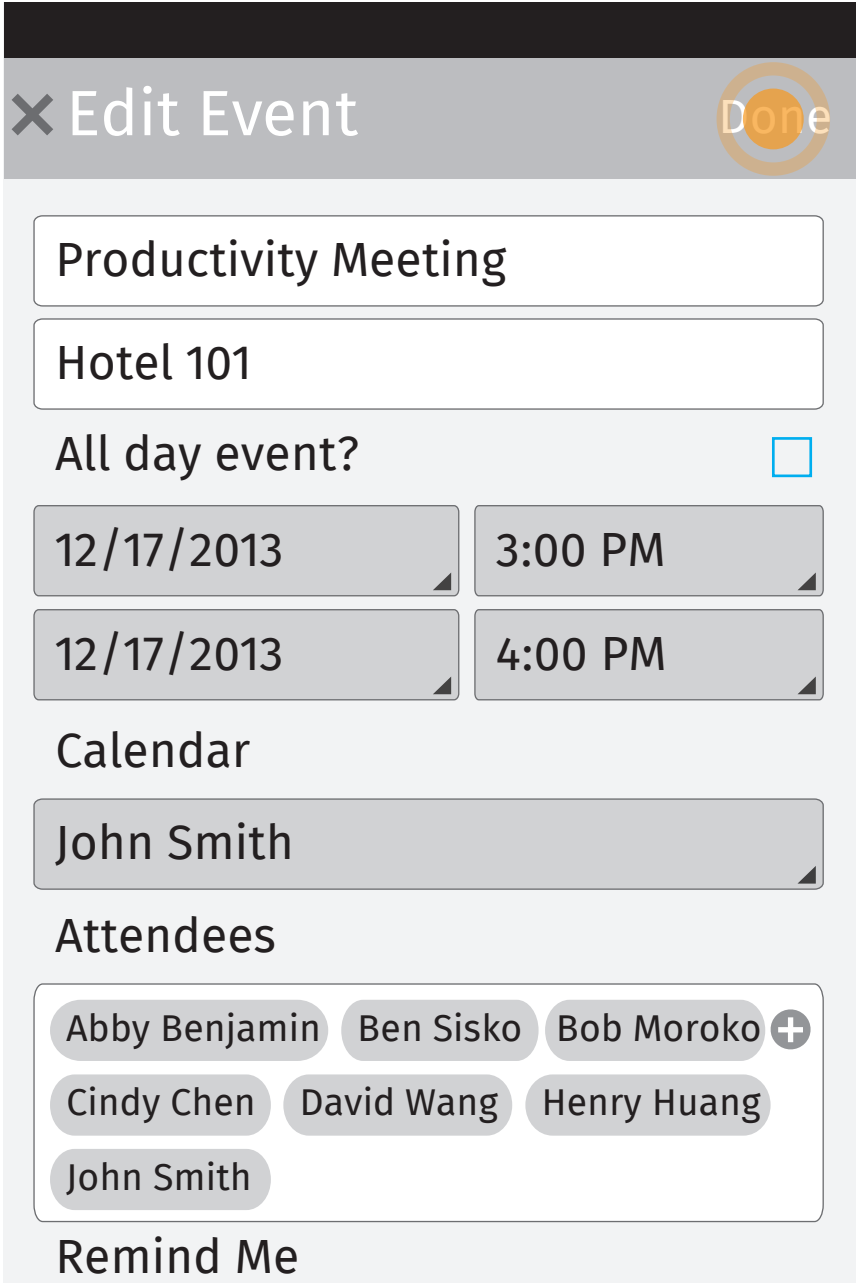
User taps edit to edit invitation event.

## 2. Modify Event



User Modifies event.

## 3. Tap Done



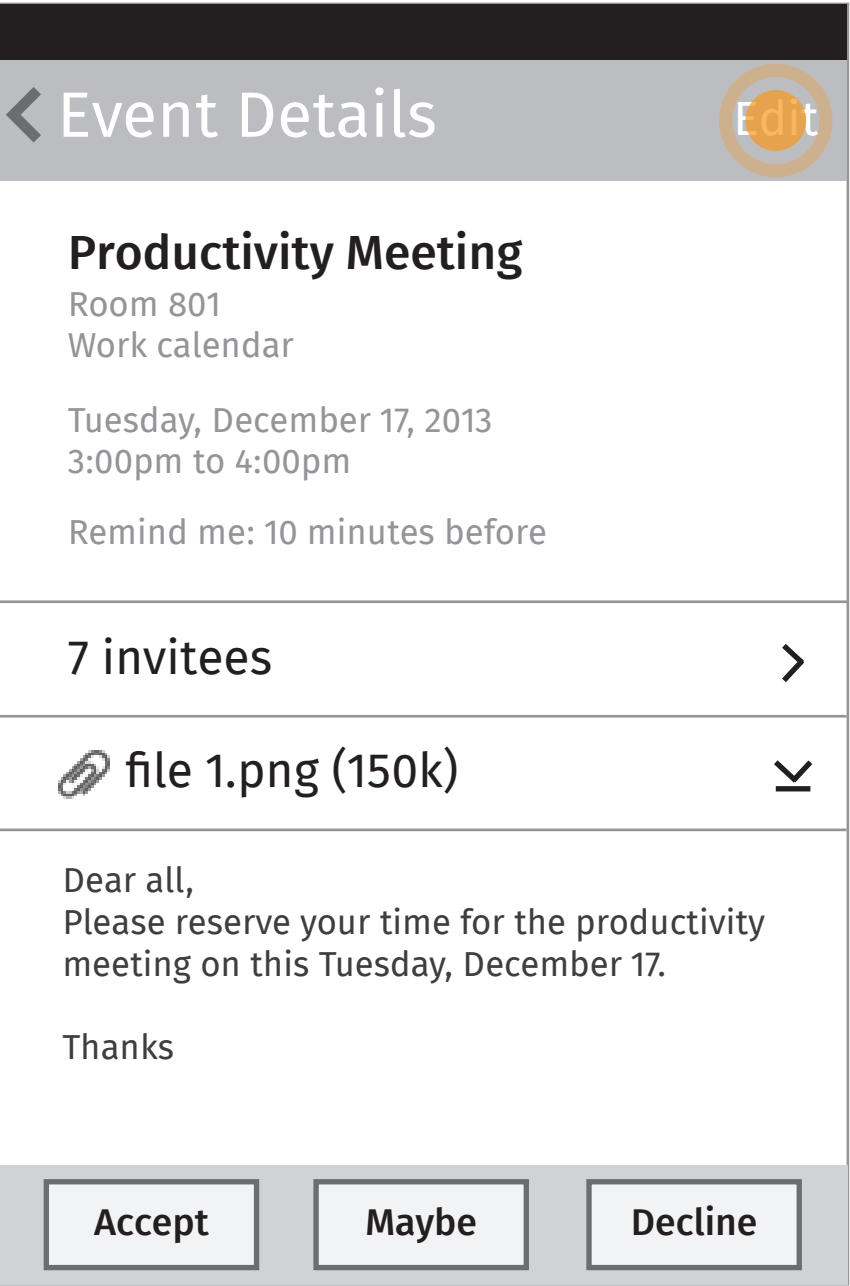
For an event not created by the user, tapping done after modifications to the event will update the event in user calendar only.

System will go back to event detail after user tap done.



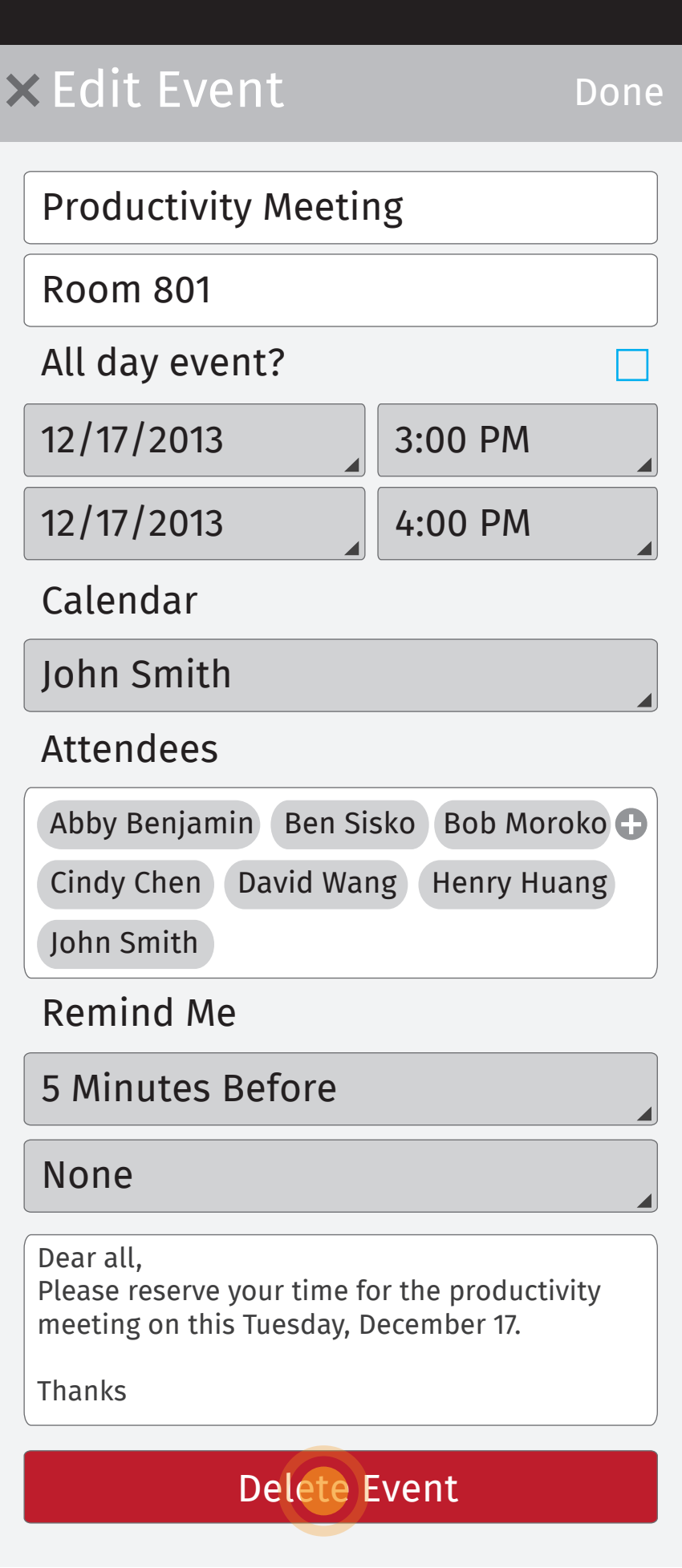
# Delete Event Invitation

## 1. Tap Edit



User tap edit to edit invite event.

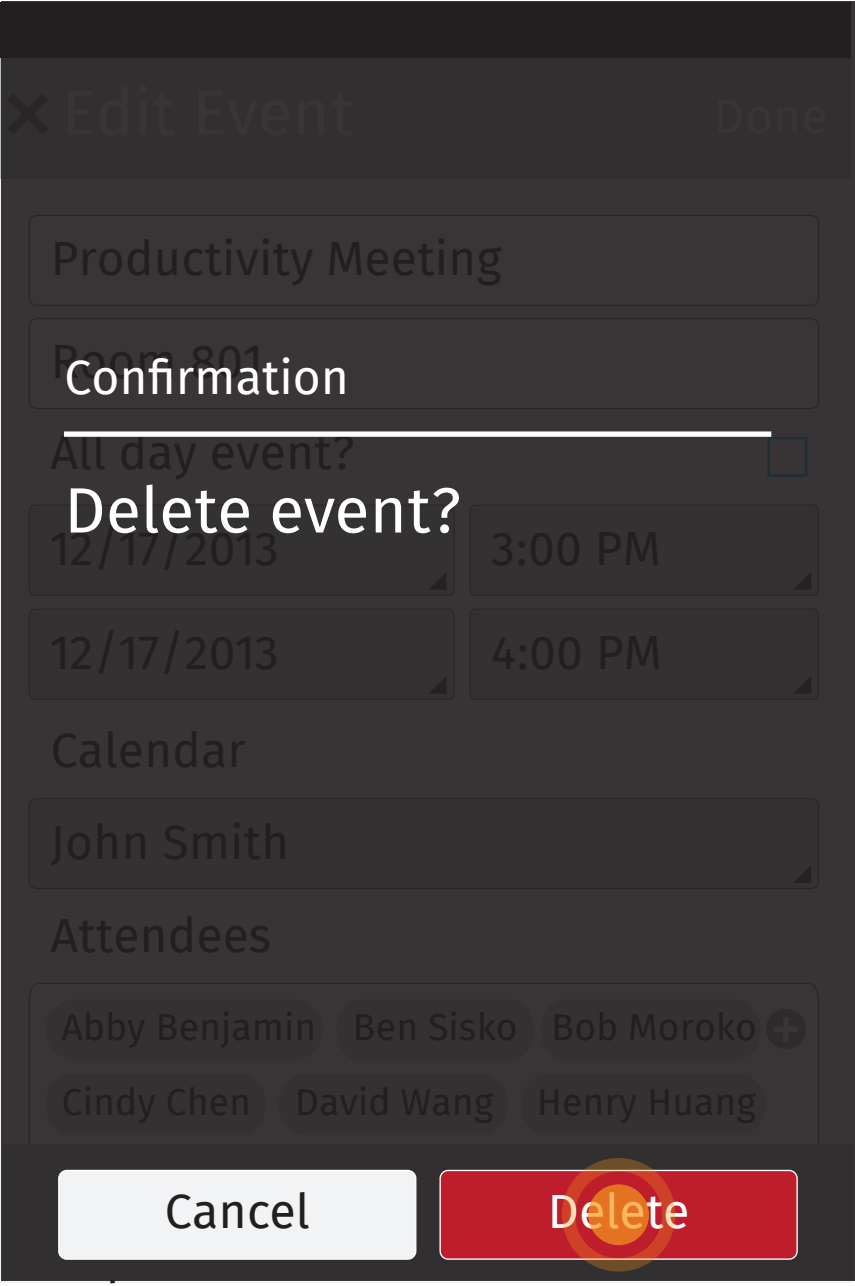
## 2. Tap Delete Event



User taps delete event to remove event

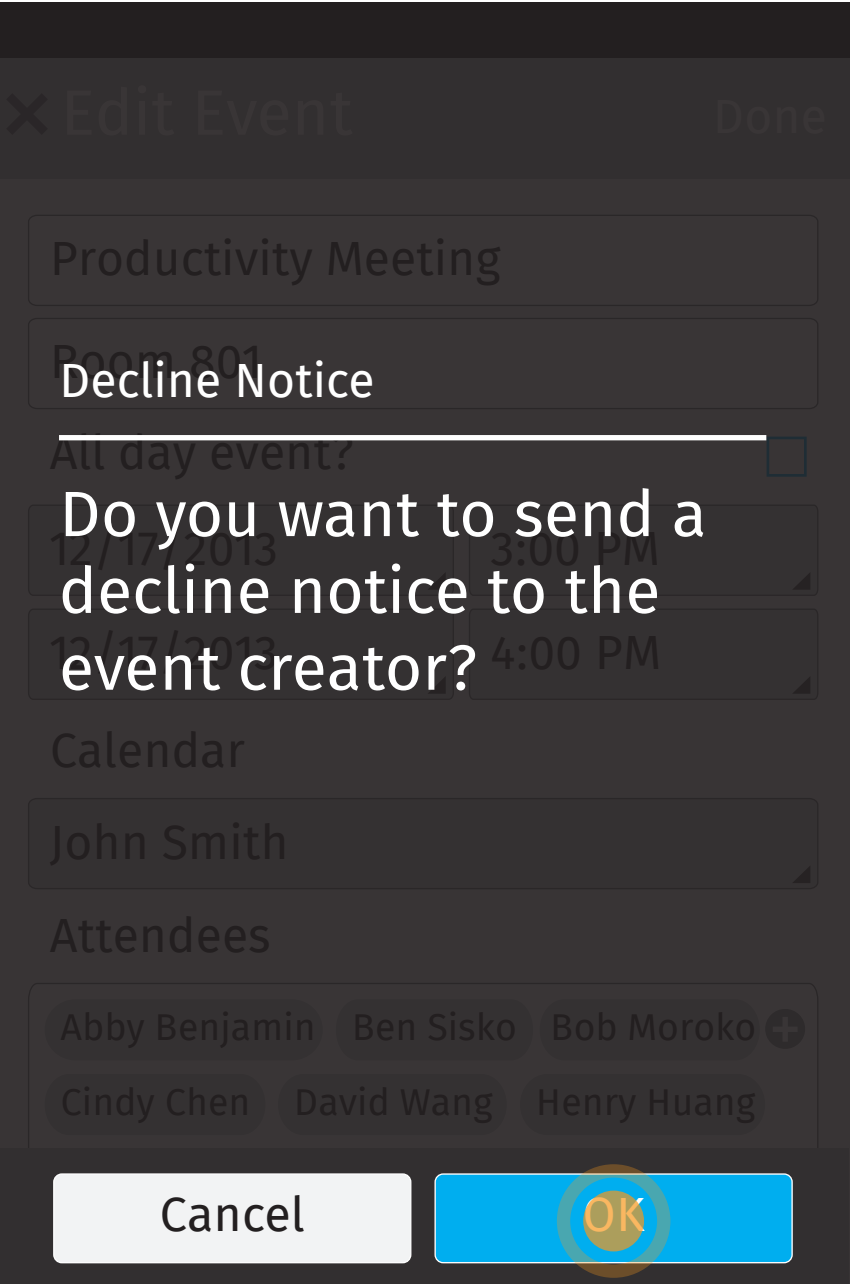
Event invitation from other and is not re-  
curring event will not have option to edit

## 3. Declin Notice



User tap delete will delete the event from  
calendar.

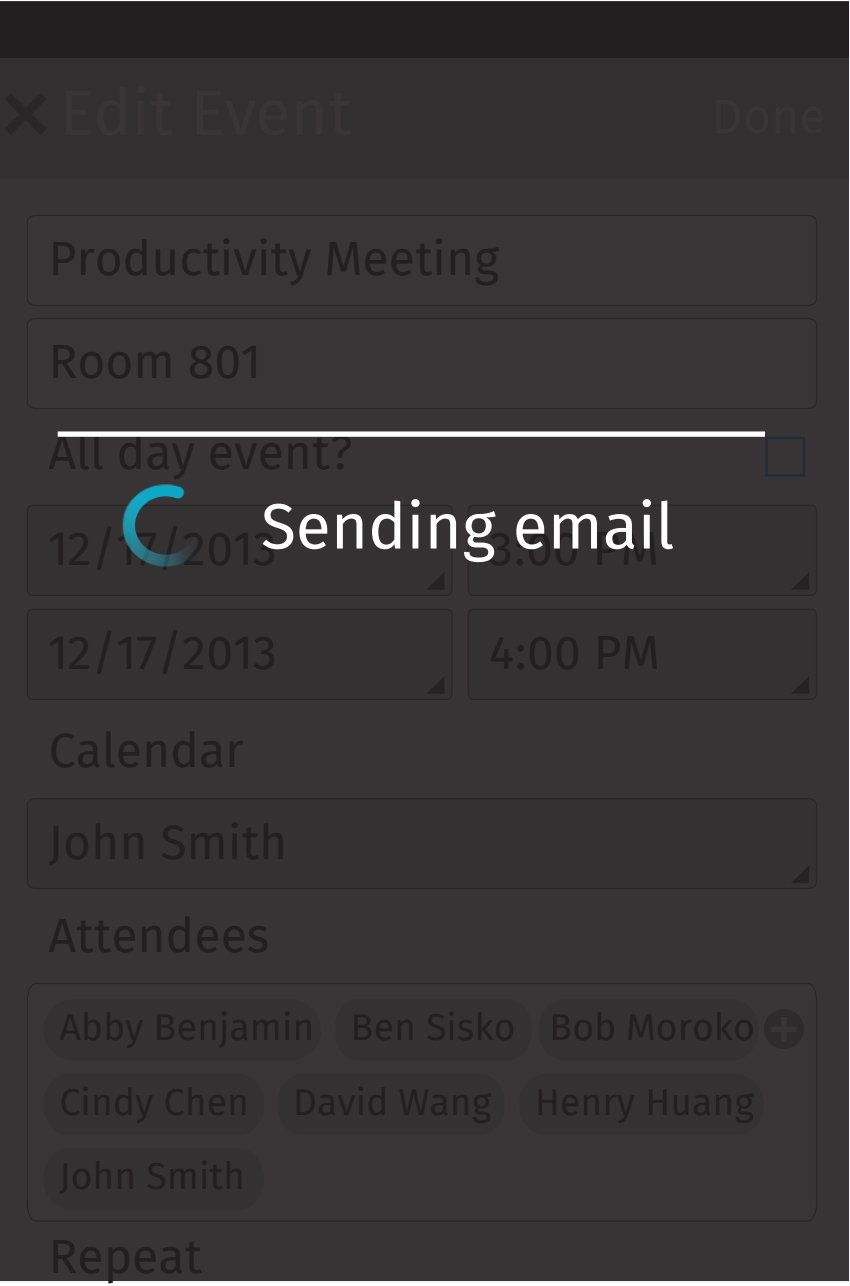
## 4. Declin Notice



Tap OK to send out decline notice.

If user taps cancel, system will only delete  
the event from user calendar, no decline  
notice will be sent out.

## 5. Email Sent



System will return to their previous view  
after email is sent.

## Bug 932258

As a user, I want to be able to create recurring calendar events and add recurring events that have been sent to me to my calendar such that I do not need to manually create an event for each instance.



# Recurring Events - Set Repeat Interval

1. Tap Repeat

×

Add Event

Save

Title

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Never

A ‘Repeat’ setting will be present in edit event. Tapping on it will allow users to select an interval.

2. Select Interval

Select

×

Add Event

Save

Never

Every Day

Every Week

Every 2 Weeks

Every Month

Every Year

Cancel

Select how often the event should repeat.

3. Modified Event

×

Add Event

Save

Title

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Every Day

Repeat Until

Forever

The new repeat setting is now visible on event details.

The event will repeat until the creator deletes it from their schedule.

# Recurring Events - Repeat Until Date

1. Tap Repeat Until

×

Add Event

Save

Title

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Every Day

Repeat Until

Forever

A 'Repeat' setting will be present in edit event. Tapping on it will allow users to select an interval.

2. Select End Repeat

×

Add Event

Save

Forever

Until Date

Number of Events

Cancel

User selects to repeat the event until a certain date.

3. Modified Event Details

×

Add Event

Save

Title

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Every Day

Repeat Until

Until Date

10/22/2013

If the user selects 'Until Date' a date option will appear.

The default date will be the start date of the event.

4. Select date

×

Add Event

Save

Select Day

August	20	2011
September	21	2012
October	22	2013
November	23	2014
December	24	2015

Cancel

OK

User select an end date for the recurring event and tap OK to confirm selection.

The user cannot select a date that is before the date of the event.

5. Modified Event Details

×

Add Event

Save

Title

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Every Day

Repeat Until

Until Date

1/22/2014

# Recurring Events - Repeat Until Number of Events

1. Tap Repeat Until

×

Add Event

Save

Title

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Every Day

Repeat Until

Forever

A 'Repeat' setting will be present in edit event. Tapping on it will allow users to select an interval.

2. Select End Repeat

Select

×

Add Event

Save

Forever

✓

Until Date

Number of Events

Title

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Cancel

User selects to repeat the event for a certain number of repetitions.

3. Modified Event Details

Add Event

Save

Title

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Every Day

Repeat Until

Number of Events

5 Times

If the user selects 'Number of Events' a number option will appear.

The default repeat number will be 5.

4. Select Repeat Number

Select

×

Add Event

Save

1 Times

2 Times

3 Times

4 Times

5 Times

✓

6 Times

7 Times

Cancel

User selects to repeat the event for a certain number of repetitions.

5. Modified Event Details

×

Add Event

Save

Title

Where?

All day event?

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Every Day

Repeat Until

Number of Events

20 Times



# Move Events Between Calendars

## 1. Tap Calendar

×

Add Event

Save

Title

Where?

All day event?

☐

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Every Day

A “Calendar” setting will be present in edit event. Tapping on it will allow users to select a calendar.

## 2. Select a Calendar

×

Select Calendar

Save

John Smith

Google

John H. Smith

Yahoo

Offline Calendar

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John Smith

Attendees

+

Repeat

Cancel

Select a Calendar to move to.

## 3. Modified Event Details

×

Add Event

Save

Title

Where?

All day event?

☐

10/22/2013

2:00 PM

10/22/2013

3:00 PM

Calendar

John H. Smith

Attendees

+

Repeat

Every Day

The new calendar setting is now visible on event details. Tap save to move the event to another calendar.

If user change “Calendar” setting of a re-curring event, system will also move the recurring event to another calendar.

