

REQUIREMENTS

ELICITATION

Notes

- If target users did not already use a communication platform such as Microsoft Teams regularly, they were excluded from this document.

User One

Name: Dylan Pathirana

Age: 20

Occupation: University Student

Email: dylan.pathirana@student.unsw.edu.au

Question Answers

How often do you use a communication platform such as Microsoft Teams? About 5 to 6 times a week.

What do you primarily use Teams for? Lectures, meetings and messaging colleagues

What's your favourite aspect of Teams? It has everything all in one place. Calendar, meetings, messaging and the ability to collaborate on documents.

What do you think is the most useful aspect of Teams? How easy it is to schedule and have meetings.

What do you find difficult to use? The Microsoft Office tools in teams are very primitive and don't have the full capability of the desktop apps which means I end up opening PowerPoints and excel sheets outside of teams.

Is there anything you wish you could do on Teams? Not really.

User Two

Name: Esha Thapar

Age: 20

Occupation: University Student

Email: e.thapar@student.unsw.edu.au

Question Answers

How often do you use a communication platform such as Microsoft Teams? I use teams every day, particularly throughout the uni term.

What do you primarily use Teams for? I use it for uni classes and also for communicating at work.

What's your favourite aspect of Teams? I think the private chat feature is most useful.

What do you think is the most useful aspect of Teams? I think being able to have multiple channels, chats and video calls are the most useful aspects of Teams.

What do you find difficult to use? I think sharing and viewing documents is the most difficult part of Teams to use at the moment.

Is there anything you wish you could do on Teams? I would like to have a specific contacts list that I could customise, rather than only having all contacts of the organisation. I also wish I could directly reply to messages on my laptop as well as my phone.

User Three

Name: Ashleigh Nicholls

Age: 20

Occupation: University Student

Email: ashleigh.nicholls@student.unsw.edu.au

Question Answers

How often do you use a communication platform such as Microsoft Teams? I use teams daily.

What do you primarily use Teams for? I use it for lectures, messaging tutors and work

What's your favourite aspect of Teams? I like the schedule assistant and ability to preview settings before joining a video call meeting.

What do you think is the most useful aspect of Teams? I think chats, channels, and the pop up reminders when meetings start are all really useful.

What do you find difficult to use? Viewing files in teams sucks, I always open it in the desktop app instead, also going through the files tabs when you press back it takes you to the channel not the file you were in originally.

Is there anything you wish you could do on Teams? Not that I can think of

ANALYSIS, SPECIFICATION & VALIDATION

USER STORIES

User One - User Story

As a university student with a busy schedule, I want to be able to easily schedule meeting times so that I can stay organised and keep track of my meetings.

Acceptance Criteria

- Have a schedule meeting button that is easily located on the homepage and well labelled
- Ask user for meeting detail inputs when this button is clicked
 - Details must include: meeting time start, meeting time end, meeting name.
 - Details may include: attendees, brief description
- Once details are input and user clicks a confirm button save the details to a calendar

User Two - User Story

As a university student I want to be able to have a comprehensive list of contacts I have chosen to save so that I can find people within my organisation who are relevant to me easily.

Acceptance Criteria

- Have a personal contacts list tab on the sidebar
- Once inside this tab:
 - Have a list of user details that have been saved as contacts
 - Have an option to add and remove contacts from this list
 - For adding: contain a search bar that contains the greyed out words "Type a user's name to search"
 - Once user inputs a search, return a list of contacts with names/emails/handles similar to the search term used.
 - Allow user to select from this list of returned contacts and add to their personal contact list.
 - Have a button next to each contact that can be used to remove that contact from the users personal list.

User Three - User Story

As a busy university student, I want to be reminded when meetings, calls or standups are occurring so that I don't miss them in the event of losing track of time.

Acceptance Criteria

- Have a pop-up reminder for meetings, call and standups that displays on whatever page the user is currently on at the start time of these events
- Contain basic details in this pop up, as well as a link to whatever page the event is being held

USE CASES

User Two - Contacts

Use Case: Creating a Personal Contact List

Goal in Context: Users need to be able to organize personal contacts in one place

Scope: Contacts tab, Dreams wide user base

Level: Primary task

Preconditions: The user already has an account on teams

Success End Condition: The user adds a contact to their personal contacts list, which is displayed under a contacts tab

Failed End Condition: The user could not add a contact to their personal contacts list.

Primary Actor: Authorised User

Trigger: User selects an 'add contact' button and searches for a name/email/handle of a user they want to add to a contact list.

Main Success Scenario

Note: Contact refers to a user's public details on Dreams (name, email, handle)

1. User navigates to a 'contacts' tab
2. User selects add contact
3. Dreams asks for search details of the contact user wishes to add
4. User enters a string relating to a contact's details
5. Dreams searches existing Dreams user's details for a match relating to the entered search term
6. Dreams displays a list of contacts with partial matches to the entered search term
7. User selects the contact they wish to add to their personal list
8. Dreams adds contact to the users lists and informs the user of a success

User comments:

- "Yup that's what I was thinking."

DESIGN

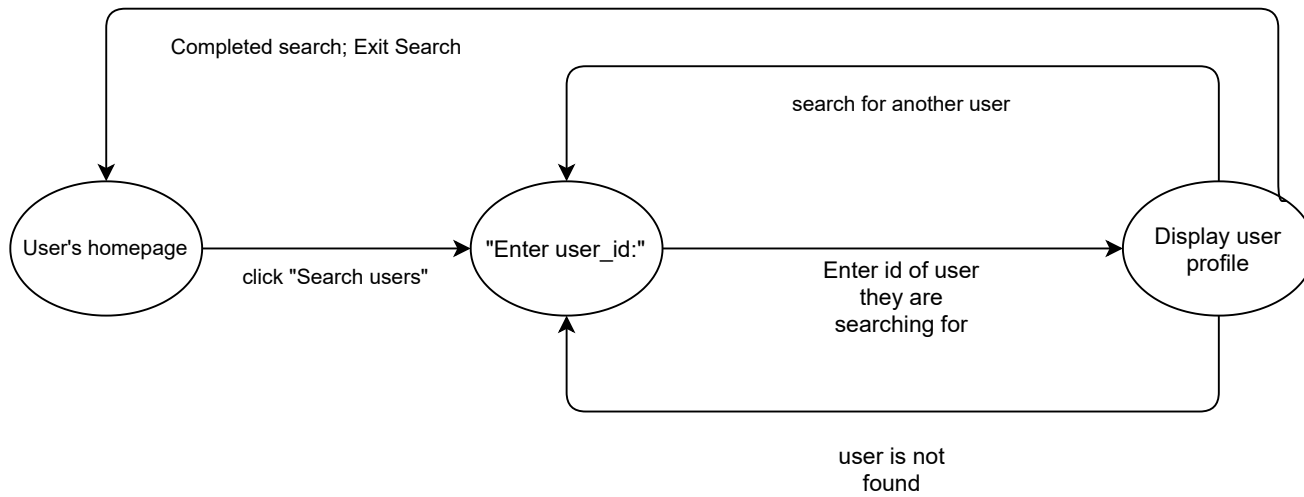
Interface Design & Conceptual Modelling (State)

Name & Description	HTTP Method	Data Types	Exceptions
user/search/v1 Find and return the user profile specified.	GET	Parameters: (token, u_id) Return: {user}	InputError: <ul style="list-style-type: none">• u_id is not a user of UNSW Dreams AccessError: <ul style="list-style-type: none">• If the authorised user is not a user of UNSW Dreams
contact/add/v1 Add a user's profile to the authorised user's contact list.	POST	Parameters: (token, u_id) Return: {}	InputError: <ul style="list-style-type: none">• u_id is not a user of UNSW Dreams AccessError: <ul style="list-style-type: none">• If the authorised user is not a user of UNSW Dreams
contact/remove/v1 Remove a contact from an authorised user's contact list.	DELETE	Parameters: (token, u_id) Return: {}	InputError: <ul style="list-style-type: none">• u_id is not a user of UNSW Dreams• u_id is not a contact in authorised user's contact list AccessError: <ul style="list-style-type: none">• If the authorised user is not a user of UNSW Dreams

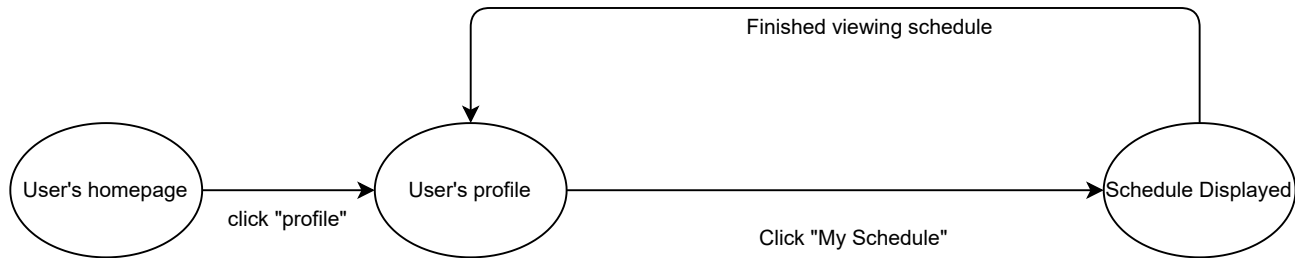
contact/list/v1 Return a list of the authorised user's contacts.	POST	Parameters: (token) Return: {u_ids}	AccessError: <ul style="list-style-type: none"> If the authorised user is not a user of UNSW Dreams
event/add/v1 An authorised user can add an event to the schedule. An event contains an event id, event owner, event name, date, time, and separate lists for those invited, those who have accepted the invite, those who have declined the invite and those who have not responded.	POST	Parameters: (token, name, date, time, u_ids) Return: {event_id}	InputError: <ul style="list-style-type: none"> Name is between 0 and 50 characters. Date has already passed Time is not valid u_id is not a user of UNSW Dreams AccessError: <ul style="list-style-type: none"> If the authorised user is not a user of UNSW Dreams
event/accept/v1 The authorised user can update the event's accepted list, by adding the user who has accepted the invite.	POST	Parameters: (token, event_id) Return: { }	InputError: <ul style="list-style-type: none"> Event does not exist in schedule AccessError: <ul style="list-style-type: none"> If the authorised user is not a user of UNSW Dreams
Event/decline/v1 The authorised user can update the event's declined list, by adding the user who has declined the invite.	POST	Parameters: (token, event_id) Return: { }	InputError: <ul style="list-style-type: none"> Event does not exist in schedule AccessError: <ul style="list-style-type: none"> If the authorised user is not a user of UNSW Dreams

event/update/v1 Given the name, date, time and users who have been additionally invited, the authorised user can update the details of the event.	PUT	Parameters: {token, event_id, name, date, time, u_ids} Return: {}	AccessError: <ul style="list-style-type: none"> • If the authorised user is not a user of UNSW Dreams • If the authorised user is not the owner of the event.
event/remove/v1 The authorised user can remove an event from the schedule.	DELETE	Parameters: (token, event_id) Return: {}	InputError: <ul style="list-style-type: none"> • Event does not exist in schedule AccessError: <ul style="list-style-type: none"> • If the authorised user is not a user of UNSW Dreams • If the authorised user is not the owner of the event
event/details/v1 Given an event id, find and return information about the event.	GET	Parameters: {token, event_id} Return: {event}	InputError: <ul style="list-style-type: none"> • Event doesn't exist AccessError: <ul style="list-style-type: none"> • If the authorised user is not a user of UNSW Dreams • If the authorised user is not the owner of the event • If the authorised user is not an invitee of the event

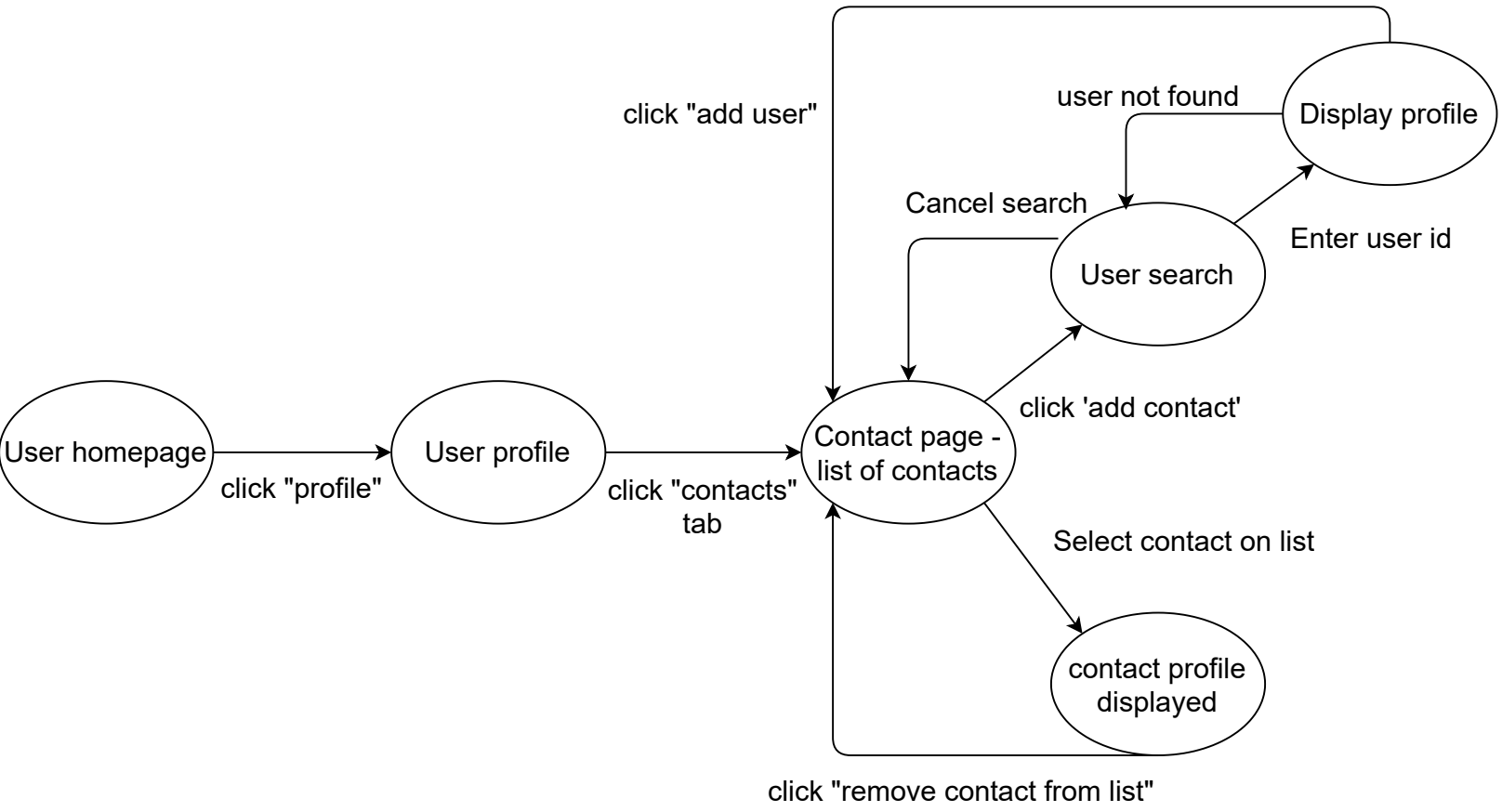
user/schedule/list/v1 Return the events that the user has been invited to.	POST	Parameters: {token} Return: {event_ids}	AccessError: <ul style="list-style-type: none">• If the authorised user is not a user of UNSW Dreams
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user/search/v1



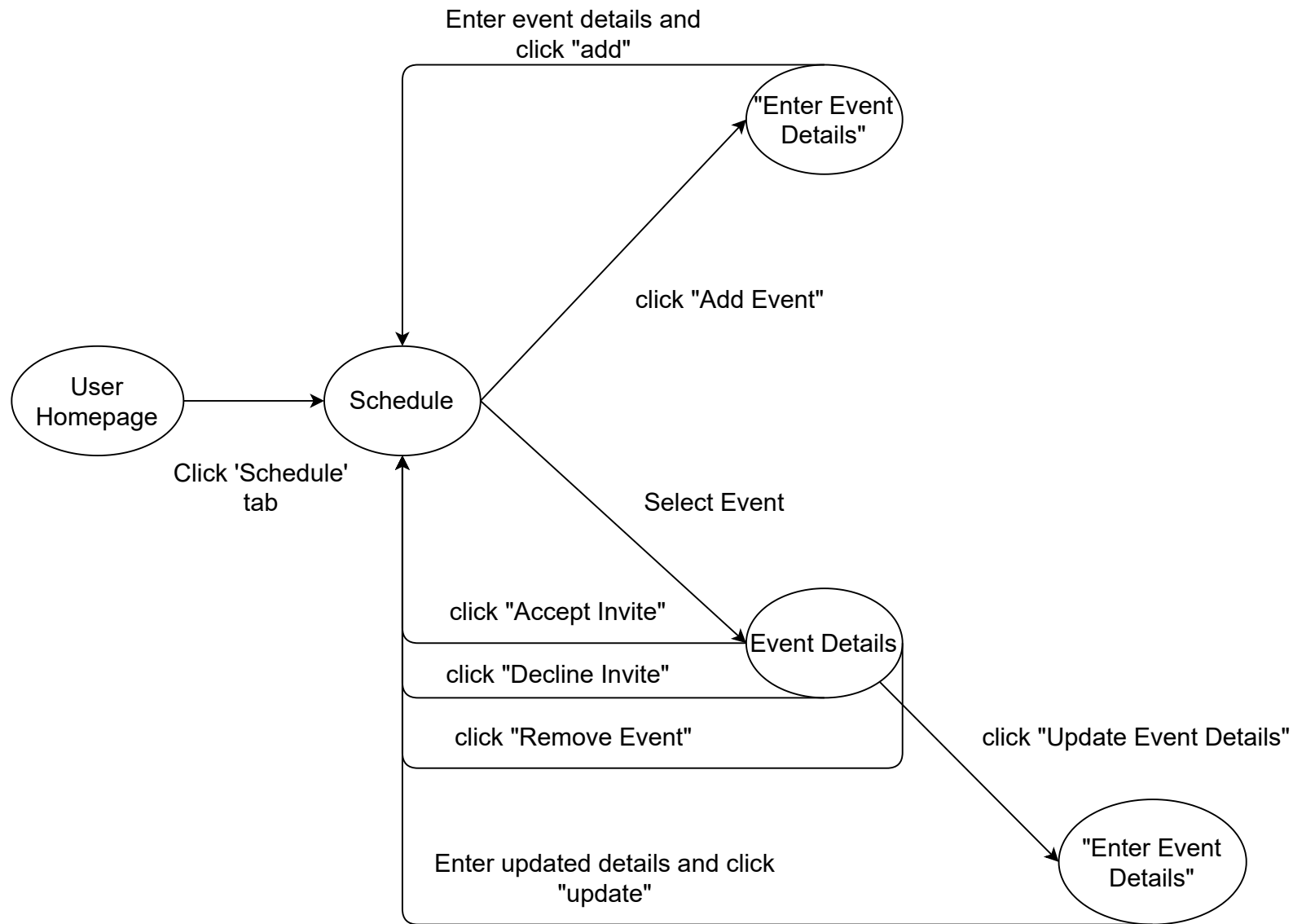
user/schedule/list/v1



contact/add/v1

contact/remove/v1

contact/list/v1



event/add/v1
event/accept/v1
event/decline/v1
event/update/v1
event/details/v1
event/remove/v1