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Home - Team GN

genyus Roundtable

Project Summary

An online peer-led focus group for unrivalled research — genyus Roundtable is an opportunity for people with shared commonalities to connect and discuss research which directly involves their broader peer groups. These bespoke focus groups can discuss questions which are co-designed by (but not guided by) reputable research groups, to enhance the lived experience of the focus group and their peers. The Roundtable is hosted by a Peer with Lived Expertise.

Peer Groups (people with shared commonalities) benefit from participating by building confidence and interpersonal connections plus enhancing self-advocacy skills, while Research and Health Organisations who are looking to better support their constituents also benefit from the process of conducting a Roundtable by collecting non-biased research.

The project solution will encompass all current processes involved in the genyus Roundtable:

- Creation of a branded landing page for each focus group, in partnership with Research and Health Organisation Partners;
 - The branded landing page will feature: information on the focus group, dates and times for each Roundtable, the ability for participants to self-allocate into a Roundtable or email support with a request to add additional Roundtables;
- The ability for genyus admin to approve or decline participants who register for a Roundtable;
- Sending confirmation emails to participants approved for a session time with a calendar event invite and video conference link;
- Sending gratitude emails to participants who have participated in a Roundtable, as well as Certificate of attendance and payment; and
- Creation of a Research and Health Organisation Partners landing page that will display Roundtable video recordings, as well as other documents.

For a full break-down, please see [Requirements](#).

Links		
Issue Tracking	JIRA (Sprints 1-4)	https://jira.cis.unimelb.edu.au:8444/projects/SWEN900132021GN
Version Control	Github	https://github.com/SWEN90013-2021-GN
Deployment	Front End	https://gn-frontend.vercel.app/
	Back End	https://genyus-backend-strapi.herokuapp.com/



Sprint tags will be added as the project progresses.

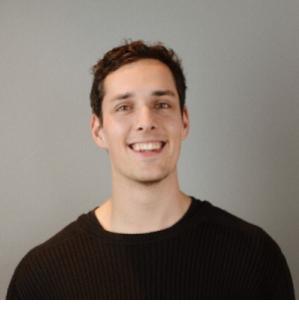
Sprint	Release Name	Tag Name	Link
Inception Sprint	Inception Sprint	Inception	https://github.com/SWEN90013-2021-GN/GN/releases/tag/Inception
Sprint 1a	Sprint 1a	1a	https://github.com/SWEN90013-2021-GN/GN/releases/tag/1a
Sprint 1b			
Sprint 2a			
Sprint 2b			
Sprint 3a			
Sprint 3b			

Project Team

Photo	Full Name	Preferred Name	Email Address	Role
	Caleb Rixon	Cal	caleb@genyusnetwork.com	Director, genyus Roundtable
	Ian Rixon		ian@genyusnetwork.com	Director, genyus Roundtable
	Eduardo Araujo Oliveira		eduardo.oliveira@unimelb.edu.au	Supervisor

To learn more about the Development Team and the responsibilities of each role, please see [About the Team](#).

Image	Role	Name	Preferred Name	Student ID	Email Address	Biography
	Product Owner	Luke Rosa		319522	lrosa@student.unimelb.edu.au	<ul style="list-style-type: none"> I am a penultimate year Master of Engineering (Software) student. My background is finance and economics, having completed a Bachelor of Commerce at The University of Melbourne. I worked in the banking and financial industry for a few years before returning to complete Masters. My most recent job was working for a bank as a Software Engineer in a team that was implementing algorithmic trading. When I'm not working or studying, you'll find me playing tennis, running or doing Pilates

	Scrum Master	CHUAN YUAN LIU	Chuan	884140	liuchuanyuan@gmail.com	<ul style="list-style-type: none"> • Master of Engineering (Software) student. • Summer internship with data processing and Node server development.
	Developer and Tester	Callum Dowling				<ul style="list-style-type: none"> • Previous jobs: analytical chemist, university tutor in networking <ul style="list-style-type: none"> • Working in I.T. as automation developer /dba for 3yrs
	Developer and Tester	Yang Zhou	Yang	693507	yangz7@student.unimelb.edu.au	<ul style="list-style-type: none"> • Current Master of Engineering (Software & Business) student. • Bachelor of Commerce (Marketing and Finance) • Internship at NAB doing analytics related work
	Developer and Tester	Samuel Webster		639399	swebster1@student.unimelb.edu.au	<ul style="list-style-type: none"> • Background in chemistry and environmental science • Currently working at a cybersecurity start-up
	Quality Assurance (QA) Lead	Joel Lauder		910495	jlauder@student.unimelb.edu.au	<ul style="list-style-type: none"> • Working for the HaBIC R2 team at the University of Melbourne's Department of General Practice • Enjoy playing board games and video games with my friends in my spare time

	Developer and Tester	Nicolas Montorio		911211	nmontorio@student.unimelb.edu.au	<ul style="list-style-type: none"> • Master of Engineering (Software) student • Undertook an internship using Gatsby and Sanity
	Developer and Tester	Jiacheng Ye	Max	904973	jiachengy1@student.unimelb.edu.au	<ul style="list-style-type: none"> • Master of Engineering (Software) • Love problem solving by coding :D • Experienced with writing Android app, and very familiar with Java developments. • More experienced with deep learning frameworks :) • Super interested in cloud computing etc. • Currently looking for job in real life as well..
	Developer and Tester	Mingyu Su	Jason	912474	msu2@student.unimelb.edu.au	<ul style="list-style-type: none"> • Master of Engineering (Software) • Bachelor of Computing and Software Systems • Experienced with developing in Node.js and React.js • The main focus of study is on distributed computing
	Developer and Tester	Pei-Chen Chen	Eric	860261	peichenc@student.unimelb.edu.au	<ul style="list-style-type: none"> • Penultimate year Master of Engineering (Software) • Bachelor of Computing and Software Systems • Experienced with developing in Node.js and React.js, python, c, java. (Don't like C) • Experienced with a bit software testing on back-end.

	UX Designer	Surasak JANEIAD	Tean	1146826	sjaneiad@student.unimelb.edu.au	<ul style="list-style-type: none"> • Master of Engineering (Software & Business) student. • Experienced in data analytics and portfolio marketer for banking industry.
	Developer and Tester	Zhentao HE	William	951916	zhentaohe@student.unimelb.edu.au	

Recent space activity



Luke Rosa

[Project Health Monitor](#) updated 12 Jun, 2021 • [view change](#)

[Sprint 1b Planning](#) updated 12 Jun, 2021 • [view change](#)

[Sprint 2a Planning](#) updated 12 Jun, 2021 • [view change](#)

[Home - Team GN](#) updated 11 Jun, 2021 • [view change](#)

[Sprint 1b Review](#) updated 11 Jun, 2021 • [view change](#)

Space contributors

- [Luke Rosa](#) (1 day ago)
- [Samuel Webster](#) (3 days ago)
- [Surasak JANEIAD](#) (15 days ago)
- [Nicolas Montorio](#) (20 days ago)
- [Joel Launder](#) (20 days ago)
- ...

Requirements

Table of Contents



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- Why does genyus Roundtable exist?
- Who's genyus Roundtable for?
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- Example
- Project Problem
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- Assumptions
- Project Roadmap (WIP)
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What's a genyus Roundtable?

Roundtable is a safe space for an online peer-led focus group where people with shared commonalities and traits can discuss research which directly involves their broader peer groups in a fun and empowering way. *currently conducted via Zoom.

These bespoke focus groups can discuss questions which are provided by (but not guided by) reputable research groups, to enhance the lived experience of the focus group and their peers.

Why does genyus Roundtable exist?

Research and Health organisations perpetuate, and deeply entrench, 'othering' culture in society - particularly for marginalized cohorts - due to the delivery of the role of 'supporter' rather than 'partner'.

genyus Roundtable believe that all interventions aimed to engage, and work with, the lived experience of the human condition have vast more value when operating using a social lense – rather than a clinical lense.

Trust and synergy are encouraged through the creation of peer led peer groups that have a more honest outcome as there is no influence from the research body.

Who's genyus Roundtable for?

Roundtable targets use by Persons Living with Disability (PLWD) including Culturally and Linguistically Diverse PLWD.

Research and Health Organisations who are looking to support their constituents better also benefit from the process of conducting a Roundtable.

Target Demographics:

- PLWD who belong to smaller community organisations.
- PLWD who are recipients of the Disability Support Pension.
- PLWD who are NDIS participants.
- PLWD who are Culturally and Linguistically Diverse.
- PLWD who are hard-to-reach referred by family, friends or health providers.

How do participants get recruited?

A bespoke engagement and recruitment process for all stakeholders is fundamental to the success of conducting a genyus Roundtable.

Critical steps of the delivery of Roundtable include:

1. Acquisition - Engaging a Research Partner (i.e. research/health org);
2. Recruitment - Sourcing potential Participants;
3. Program overview - A bespoke engaging and informative space to hook potential Participants;
4. Sign up - Opt-In point for potential Participants;
5. Choose session time - Recruited Participants choose a Roundtable time;
6. Calendar event created and Zoom link activated;
7. Recruitee data collection - Recruitees fill out an introductory form;
8. Reminders - All parties (Participants/Admin/Peer Leader receive reminders of crucial details about their session; and
9. Rewards/recognition – Participants are rewarded for their contribution with a financial payment and certificate.

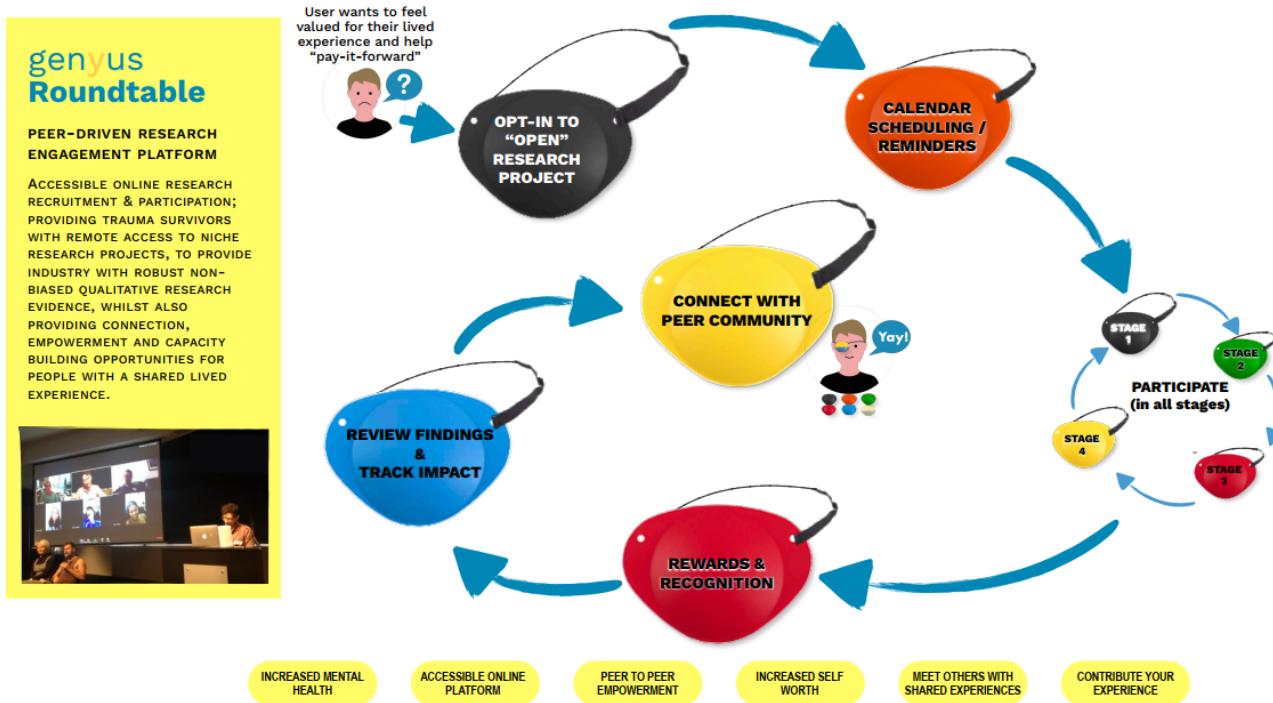
Pricing

The pricing below was given to the project team by the client based on a recent partnership with the Young Stroke Project. Prices are subject to change at any point but are indicative of the price genyus Roundtable normally charges clients, dependent on number of Roundtables and Participants.

Roundtables delivered in Series	1	2	3	4	5
Participants in Series	5	10	15	20	25
Client Charge	\$6,300	\$8,640	\$10,980	\$13,320	\$15,660

Example

To view a current Series, in partnership with the Young Stroke Project, click [here](#).



Project Problem

As is, genyus Roundtable is overly manual. It requires significant manual intervention by genyus Admin and the time necessary to manage it has become a pain point for the Admin.

The benefits of this project are expected to be:

- A streamlined, automated workflow with less manual intervention required by genyus Admin;
- A better designed and "sexier" user interface;
- A secure platform to host Roundtable recordings and notes;
- A more accessible user interface geared towards survivors with accessibility needs; and
- An ability to track payments and certificates sent to Participants and Peer Leaders.

Project Scope

In-scope

The requirements of the system have been fleshed out as User Stories:

Epic ID	Epic	User Story ID	As	I Want To	So That	Size Estimation	MoSCoW Priority	Justification	
		SWEN900132021GN-2 TO DO	Manage an Account	SWEN900132021GN-9 TO DO	Conne r (Rese arch Partne r)	Reach out to genyus Roundtable	I can reach their community of users to participate in Roundtables in order to aide my research	Small	Could have
		SWEN900132021GN-71 DONE		Calian (genyus Admin)	Have a central repository for all users of the system	I can administrate the system	Medium	Must have	
		SWEN900132021GN-10 IN PROGRESS		Calian (genyus Admin)	Create an account for a Peer Leader, Research Partner or genyus Admin	They can be authenticated on the system	Medium	Must have	
		SWEN900132021GN-128 TO DO		Calian (genyus Admin)	Deactivate/Activate an account for a Peer Leader, Research Partner or genyus Admin	I can stop/re-authorize an account to access authenticated content	Medium	Could have	

		 SWEN900132021GN-41 TO DO	Calian (geny us Admin)	Log into my account	I can access the Roundtable application	Medium	Must have	Size estimation: Will require implementing an authentication provider. MoSCoW priority: Necessary functionality of the system.
	Create a Series	 SWEN900132021GN-11 TO DO	Calian (geny us Admin)	Create a Series landing page	There is a landing page for Participants to view and register for a Roundtable	Small	Must have	Size estimation: Should only require creation of a new page. MoSCoW priority: This is the crux of the system and most other user stories will depend on this being implemented.
		 SWEN900132021GN-12 IN PROGRESS	Calian (geny us Admin)	Upload the Series description and graphics	Participants can view the purpose of the Series prior to registering for a Roundtable	Medium	Must have	Size estimation: Likely will require integration with video streaming and image hosting services. MoSCoW priority: This is the crux of the system and most other user stories will depend on this being implemented.
		 SWEN900132021GN-42 TO DO	Calian (geny us Admin)	Integrate a calendar with a Series	I can choose dates and times of Roundtables	Medium	Must have	Size estimation: Will require integration with a calendar service. MoSCoW priority: Necessary functionality.
		 SWEN900132021GN-13 TO DO	Calian (geny us Admin)	Select dates and times of Roundtables in the Series	Participants can select their preferred time for roundtable meetings	Medium	Must have	Size estimation: Will likely require significant work to integrate Calendly API. MoSCoW priority: Provides flexibility to genyus Admin.
		 SWEN900132021GN-14 TO DO	Calian (geny us Admin)	Create a list of questions for a Series for the Participant to answer prior to registering for a Roundtable	I can determine unsuitability and so that the Peer Leader can become acquainted	Small	Must have	Size estimation: Likely requires only amending the Calendly invite. MoSCoW priority: This must be answered by participants so the Peer Leader can properly steer Roundtables.

		<table border="1"> <tr> <td> SWEN900132021GN-15 TO DO</td><td>Calian (geny us Admin)</td><td>Create a 'consent to be recorded during a Roundtable' that must be ticked by all Participants who wish to register for a Roundtable</td><td>All Roundtables can be recorded and findings can be reported back to the Research Partner with consent of all Participants</td><td>Small</td><td>Must have</td><td>Size estimation: Likely requires only amending the Calendly invite. MoSCoW priority: Necessary functionality otherwise the Research Partner cannot use any findings.</td></tr> </table>	SWEN900132021GN-15 TO DO	Calian (geny us Admin)	Create a 'consent to be recorded during a Roundtable' that must be ticked by all Participants who wish to register for a Roundtable	All Roundtables can be recorded and findings can be reported back to the Research Partner with consent of all Participants	Small	Must have	Size estimation: Likely requires only amending the Calendly invite. MoSCoW priority: Necessary functionality otherwise the Research Partner cannot use any findings.
SWEN900132021GN-15 TO DO	Calian (geny us Admin)	Create a 'consent to be recorded during a Roundtable' that must be ticked by all Participants who wish to register for a Roundtable	All Roundtables can be recorded and findings can be reported back to the Research Partner with consent of all Participants	Small	Must have	Size estimation: Likely requires only amending the Calendly invite. MoSCoW priority: Necessary functionality otherwise the Research Partner cannot use any findings.			
		<table border="1"> <tr> <td> SWEN900132021GN-16 TO DO</td><td>Calian (geny us Admin)</td><td>Obtain a shareable URL for a Series</td><td>The Research Partners can invite their contacts to register for a Roundtable</td><td>Small</td><td>Must have</td><td>Size estimation: Likely only requires creation of unique URLs, which should already be the case with Series /Roundtable IDs. MoSCoW priority: The crux of the system is receiving Participant registrations.</td></tr> </table>	SWEN900132021GN-16 TO DO	Calian (geny us Admin)	Obtain a shareable URL for a Series	The Research Partners can invite their contacts to register for a Roundtable	Small	Must have	Size estimation: Likely only requires creation of unique URLs, which should already be the case with Series /Roundtable IDs. MoSCoW priority: The crux of the system is receiving Participant registrations.
SWEN900132021GN-16 TO DO	Calian (geny us Admin)	Obtain a shareable URL for a Series	The Research Partners can invite their contacts to register for a Roundtable	Small	Must have	Size estimation: Likely only requires creation of unique URLs, which should already be the case with Series /Roundtable IDs. MoSCoW priority: The crux of the system is receiving Participant registrations.			
	Register for a Roundtable	<table border="1"> <tr> <td> SWEN900132021GN-17 TO DO</td><td>Lucy (Participant)</td><td>Register for a Roundtable by choosing a date and time on landing page</td><td>I can attend a Roundtable</td><td>Small</td><td>Must have</td><td>Size estimation: Not too complicated on its own, checking that a user can participate in a roundtable and then adding the user to the Roundtable. MoSCoW priority: Important functionality required for all other Roundtable functionality.</td></tr> </table>	SWEN900132021GN-17 TO DO	Lucy (Participant)	Register for a Roundtable by choosing a date and time on landing page	I can attend a Roundtable	Small	Must have	Size estimation: Not too complicated on its own, checking that a user can participate in a roundtable and then adding the user to the Roundtable. MoSCoW priority: Important functionality required for all other Roundtable functionality.
SWEN900132021GN-17 TO DO	Lucy (Participant)	Register for a Roundtable by choosing a date and time on landing page	I can attend a Roundtable	Small	Must have	Size estimation: Not too complicated on its own, checking that a user can participate in a roundtable and then adding the user to the Roundtable. MoSCoW priority: Important functionality required for all other Roundtable functionality.			
		<table border="1"> <tr> <td> SWEN900132021GN-18 TO DO</td><td>Lucy (Participant)</td><td>Provide my mobile phone number upon registration</td><td>I can be reminded of upcoming Roundtables via text message reminders</td><td>Medium</td><td>Must have</td><td>Size estimation: Will likely require the use of an external service. MoSCoW priority: The client has indicated this is an important feature of the system.</td></tr> </table>	SWEN900132021GN-18 TO DO	Lucy (Participant)	Provide my mobile phone number upon registration	I can be reminded of upcoming Roundtables via text message reminders	Medium	Must have	Size estimation: Will likely require the use of an external service. MoSCoW priority: The client has indicated this is an important feature of the system.
SWEN900132021GN-18 TO DO	Lucy (Participant)	Provide my mobile phone number upon registration	I can be reminded of upcoming Roundtables via text message reminders	Medium	Must have	Size estimation: Will likely require the use of an external service. MoSCoW priority: The client has indicated this is an important feature of the system.			
		<table border="1"> <tr> <td> SWEN900132021GN-19 TO DO</td><td>Lucy (Participant)</td><td>Receive confirmation email when I sign up to a Roundtable</td><td>I have access to the link that I will use to attend the Roundtable</td><td>Small</td><td>Must have</td><td>Size estimation: Small, assuming that prerequisite user stories are already implemented, this should be as simple as collecting that information into an email and sending it to the participant. MoSCoW priority: Important, as this is how users participate in Roundtables that they have signed up for.</td></tr> </table>	SWEN900132021GN-19 TO DO	Lucy (Participant)	Receive confirmation email when I sign up to a Roundtable	I have access to the link that I will use to attend the Roundtable	Small	Must have	Size estimation: Small, assuming that prerequisite user stories are already implemented, this should be as simple as collecting that information into an email and sending it to the participant. MoSCoW priority: Important, as this is how users participate in Roundtables that they have signed up for.
SWEN900132021GN-19 TO DO	Lucy (Participant)	Receive confirmation email when I sign up to a Roundtable	I have access to the link that I will use to attend the Roundtable	Small	Must have	Size estimation: Small, assuming that prerequisite user stories are already implemented, this should be as simple as collecting that information into an email and sending it to the participant. MoSCoW priority: Important, as this is how users participate in Roundtables that they have signed up for.			

		 SWEN900132021GN-43 TO DO	Lucy (Participant)	Receive confirmation text when I sign up to a Roundtable	I have access to the link that I will use to attend the Roundtable	Small	Must have	<p><i>Size estimation:</i> Small, assuming that prerequisite user stories are already implemented, this should be as simple as collecting that information into an email and sending it to the participant.</p> <p><i>MoSCoW priority:</i> Important, as this is how users participate in Roundtables that they have signed up for.</p>	
		 SWEN900132021GN-20 TO DO	Lucy (Participant)	Provide suggestions for more Roundtable times	Express interest in attending a Roundtable if none of the existing times are suitable for me	Small	Should have	<p><i>Size estimation:</i> User would need to input alternative times during which they are available, and an admin would need to review these times and then.</p> <p><i>MoSCoW priority:</i> Not critical to the functionality of the system but would significantly improve user experience.</p>	
		 SWEN900132021GN-21 TO DO	Lucy (Participant)	Fill out the introduction and biography questions prior to registering for a Roundtable	The Peer Leader is more familiar with my background prior to attending a Roundtable	Small	Should have	<p><i>Size estimation:</i> Most of this functionality is already implemented in Calendly, and therefore should require minimal effort on our part.</p> <p><i>MoSCoW priority:</i> Not necessary but seems important functionality for maintaining a positive experience for users participating in Roundtables.</p>	
	Manage an Approaching Roundtable	 SWEN900132021GN-3 TO DO	 SWEN900132021GN-22 TO DO	Calian (geny us Admin)	Send a confirmation email upon registration to Participants with a calendar invite and video conference link	Participants are aware their registration is confirmed and can add the event invites to their calendar	Medium	Must have	<p><i>Size estimation:</i> Depending how this is implemented, the workload could change considerably. Use of 3rd party program (like Calendly) would likely reduce workload.</p> <p><i>MoSCoW priority:</i> An important piece of the system as it allows Participants to track registered Roundtables.</p>

		SWEN900132021GN-23 TO DO	Calian (geny us Admin)	Send a confirmation text up on registration to Participants with a calendar invite and video conference link	Participants are aware their registration is confirmed and can add the event invites to their calendar	Medium	Must have	Size estimation: Depending how this is implemented, the workload could change considerably. Use of 3rd party program (like Calendly) would likely reduce workload. MoSCoW priority: An important piece of the system as it allows Participants to track registered Roundtables.
		SWEN900132021GN-24 TO DO	William (Per Leade r) Calian (geny us Admin)	View all Participants attending a Roundtable, including their biographies	I am familiar with Participants attending a Roundtable and I can properly engage them in discussion	Medium	Must have	Size estimation: Likely significant workload, especially if Cal wishes to integrate with Calendly. MoSCoW priority: Necessary functionality according to the client.
		SWEN900132021GN-25 TO DO	Calian (geny us Admin)	Send a text reminder leading up to a Roundtable	I am assured Participants will not forget to attend	Small	Must have	Size estimation: Likely low workload once registration process is done. MoSCoW priority: Necessary functionality according to the client.
		SWEN900132021GN-26 TO DO	Calian (geny us Admin)	Send an email reminder leading up to a Roundtable	I am assured Participants will not forget to attend	Small	Must have	Size estimation: Likely low workload once registration process is done. MoSCoW priority: Necessary functionality according to the client.
		SWEN900132021GN-27 TO DO	Lucy (Partic ipant) William (Per Leade r)	Receive a text reminder leading up to a Roundtable that I am registered in	I do not forget about an upcoming Roundtable	Small	Should have	Size estimation: Small, especially assuming the functionality for sending emails to participants is already in place this would likely be very similar to implement. MoSCoW priority: Not critical to the functionality of the application but would improve user experience.
		SWEN900132021GN-28 TO DO	Lucy (Partic ipant)	Receive an email reminder leading up to a Roundtable that I am registered in	I do not forget about an upcoming Roundtable	Small	Should have	Size estimation: Small, especially assuming the functionality for sending emails to participants is already in place this would likely be very similar to implement. MoSCoW priority: Not critical to the functionality of the application

			William (Peer Leader)					but would improve user experience.
		Manage a Recent Roundtable	Calian (geny us Admin)	Have a central repository to manage Roundtable recordings	I can upload recordings for Roundtables to Series landing pages	Medium	Must have	<p><i>Size estimation:</i> Likely to require significant work to determine correct bucket to use.</p> <p><i>MoSCoW priority:</i> Necessary functionality to upload recordings for Research Partners.</p>
			Calian (geny us Admin)	Have a central repository to manage Roundtable transcripts	I can upload transcripts for Roundtables to Series landing pages	Medium	Must have	<p><i>Size estimation:</i> Likely to require significant work to determine correct bucket to use.</p> <p><i>MoSCoW priority:</i> Necessary functionality to upload recordings for Research Partners.</p>
			Calian (geny us Admin)	Upload recording to past Series landing pages	I can present these to the Research Partner	Medium	Must have	<p><i>Size estimation:</i> Likely to involve significant amount of work and the use of third-party apps to support video streaming.</p> <p><i>MoSCoW priority:</i> Necessary functionality of the system as the client is paying for this.</p>
			Calian (geny us Admin)	Upload transcript to past Series landing pages	I can present these to the Research Partner	Medium	Must have	<p><i>Size estimation:</i> Likely to involve significant amount of work and the use of third-party apps to support document upload.</p> <p><i>MoSCoW priority:</i> Necessary functionality of the system as the client is paying for this.</p>
			Calian (geny us Admin)	Create a questionnaire for the Roundtable Peer Leader to answer	I can present Roundtable outcomes to the client	Medium	Could have	<p><i>Size estimation:</i> Likely won't require much work to collate questionnaire responses, especially if a third party service is used.</p> <p><i>MoSCoW priority:</i> Currently takes place out of the system but the client would like it folded into system functionality.</p>

			SWEN900132021GN-31 TO DO	William (Peter Leader)	Answer post-Roundtable questions	I can document what happened during the Roundtable	Medium	Should have	Size estimation: To implement this, require frontend & backend & database. MoSCoW priority: An organised file system is nice, but without it the system can still be functional.
			SWEN900132021GN-45 TO DO	William (Peter Leader)	Send post-Roundtable answers to genyus Admin	I can inform the genyus Admin what occurred during a Roundtable	Small	Could have	Size estimation: Likely will not require much effort, especially if a third party app is used. MoSCoW priority: Currently takes place out of the system but the client would like it folded into system functionality.
Manage a Recent Series			SWEN900132021GN-32 TO DO	Calian (genyus Admin)	Create a landing page for a past Series	I can upload Roundtable recordings and notes	Small	Must have	Size estimation: Likely a small workload and can piggyback off Roundtable creation user story above. MoSCoW priority: Necessary functionality of the system as the client is paying for this.
			SWEN900132021GN-33 TO DO	Calian (genyus Admin)	Email all Series Participants	I can thank them for attending	Medium	Must have	Size estimation: Will likely require significant work to integrate with 3rd party providers to manage emails. MoSCoW priority: A key piece of the system, as emphasised by the clients.
			SWEN900132021GN-34 TO DO	Conner (Research Partner)	Access uploads (recordings, transcripts, etc), from all Roundtables in the Series	I can use the uploads as research	Medium	Must have	Size estimation: Will likely require significant work to build authentication. MoSCoW priority: An integral part of the system.
				William (Peter Leader)					
				Calian (genyus Admin)					
			SWEN900132021GN-35 TO DO	Calian (genyus Admin)	Reward Participants with a Certificate of Attendance	Participants can use the certificate as evidence of work experience	Small	Should have	Size estimation: Likely low workload once email integration is built. MoSCoW priority: This feature likely requires the rest of the system functionality to be built before it can begin work.
			SWEN900132021GN-36 TO DO	Lucy (Participant)	Receive payment for completing a Series	I am rewarded for the time and effort that I spent participating in this Roundtable	Small	Could have	Size estimation: Could be handled outside of the system or automated.

		William (Peter Leader)					<i>MoSCoW priority:</i> Express ed by the clients as a nice to have feature.
	SWEN900132021GN-37 TO DO	Lucy (Participant)	Receive a certificate for completing a Series	I can display it as work experience	Small	Should have	<i>Size estimation:</i> Could be handled outside of the system or automated. <i>MoSCoW priority:</i> Express ed by the clients as a nice to have feature.
	SWEN900132021GN-38 TO DO	Calian (genyus Admin)	Reward Participants, Peer Leaders with financial payment	Participants are fairly compensated	Medium	Could have	<i>Size estimation:</i> Likely a larger workload given the need to integrate with a financial provider. <i>MoSCoW priority:</i> Currently this is manually handled by Calian (genyus Admin) and is a nice to have feature, according to client.
	SWEN900132021GN-39 TO DO	Calian (genyus Admin)	Create a receipt of payment and certificate to Participants, Peer Leaders	I have an accurate record of which Participants have been paid	Medium	Could have	<i>Size estimation:</i> Likely a larger workload given the need to integrate with a financial provider. <i>MoSCoW priority:</i> Currently this is manually handled by Calian (genyus Admin) and is a nice to have feature, according to client.
	SWEN900132021GN-46 TO DO	Calian (genyus Admin)	Create a receipt of certificate to Participants	I have an accurate record of which Participants have been given a certificate	Small	Could have	<i>Size estimation:</i> Likely minimal workload once the use case for creating a certificate is done. <i>MoSCoW priority:</i> Currently this is manually handled by Calian (genyus Admin) and is a nice to have feature, according to client.

Out-of-scope

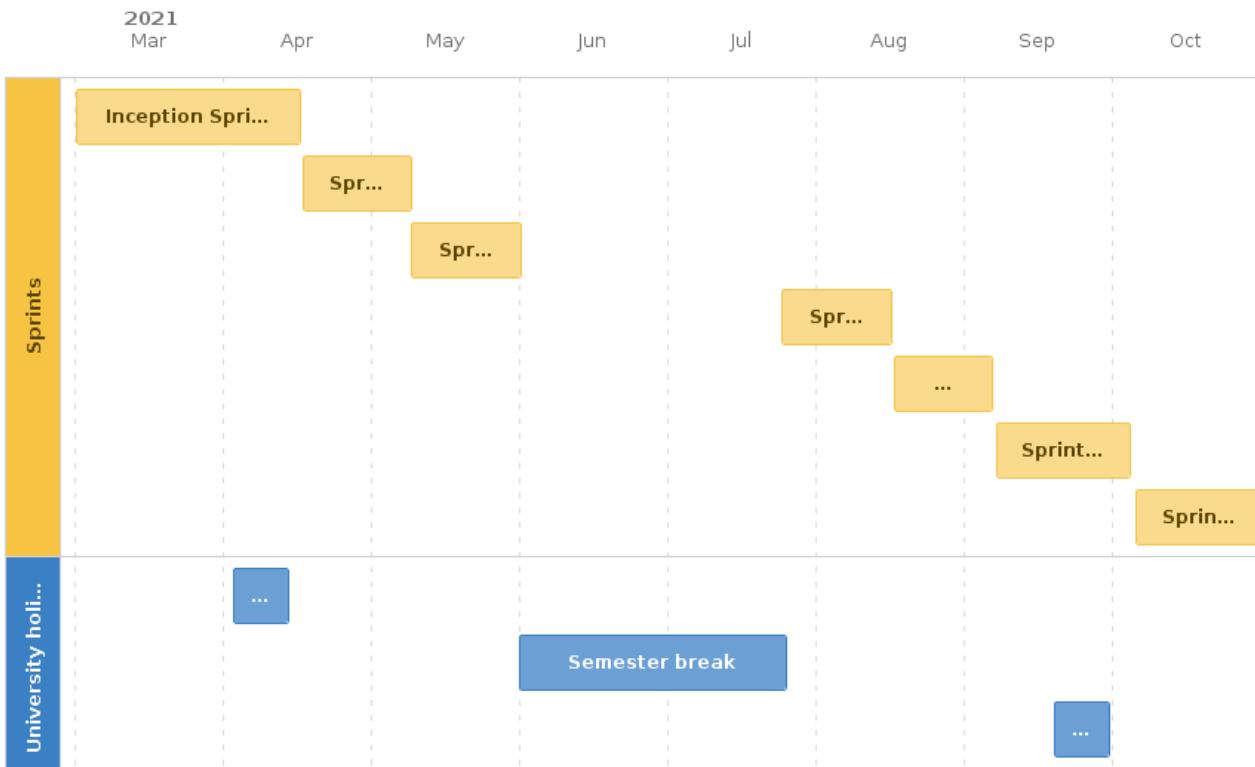
- The Scribe is involved in the genyus Roundtable in that they attend Roundtables and create a transcript of discussions.
 - Based on discussion with the client during [2021-03-19 Client Meeting #3](#), the team can assume the Scribe is chosen independently of the system and does not interact with it at all.
- The scope has been simplified (in agreement with the client during [2021-03-19 Client Meeting #3](#)) that Participants will only register for a single Roundtable in a Series.

Assumptions

- Users will primarily access the genyus Roundtable through a website; and
- Users will primarily access the system from a desktop PC or mobile phone.

Project Roadmap (WIP)

The project roadmap sets out sprints for the year, as well as the semester breaks.



User Stories Roadmap (WIP)

The [User Stories Map](#) lays out expected deliverables of each sprint.

Glossary of Terms

Users	
genyus Admin	An Administrator and member of the genyus Network. They are responsible for facilitating all the backend process of running Roundtable.
Participant	A person who registers and participates in a Roundtable as a trauma survivor or support person.
Peer Leader	A person with lived experience whose role it is to guide and lead the meeting, such that meetings can stay on track.
Research Partner	An organization that has reached out to genyus Roundtable to host a Series in order to aide their research.
Scribe	A person who attends a Roundtable in order to document discussions.

Events	
Series	A collection of Roundtables, the number of which are defined by the Research Partner and genyus Roundtable.
Roundtable	One single event which Participants register into.

Motivational Goal Model

A Motivational Goal Model is a simple model with the intention to capture the purpose of the system. It should depict the goal of the system in the form of different nodes and how these goals all hierarchically come together to realize a root goal of the system.

The ideation of the Goal model first starts with listing (brainstorming) the possible goals through the DO/BE/FEEL method. Where a group of people comes together to list the participatory stakeholders (WHO) of the system, the functional requirement of the system (DO), the quality requirements of the system (BE) and finally the desired emotional connections drawn by the system (FEEL).

The list will be hierarchically grouped and structured to become the Motivational Goal Model.

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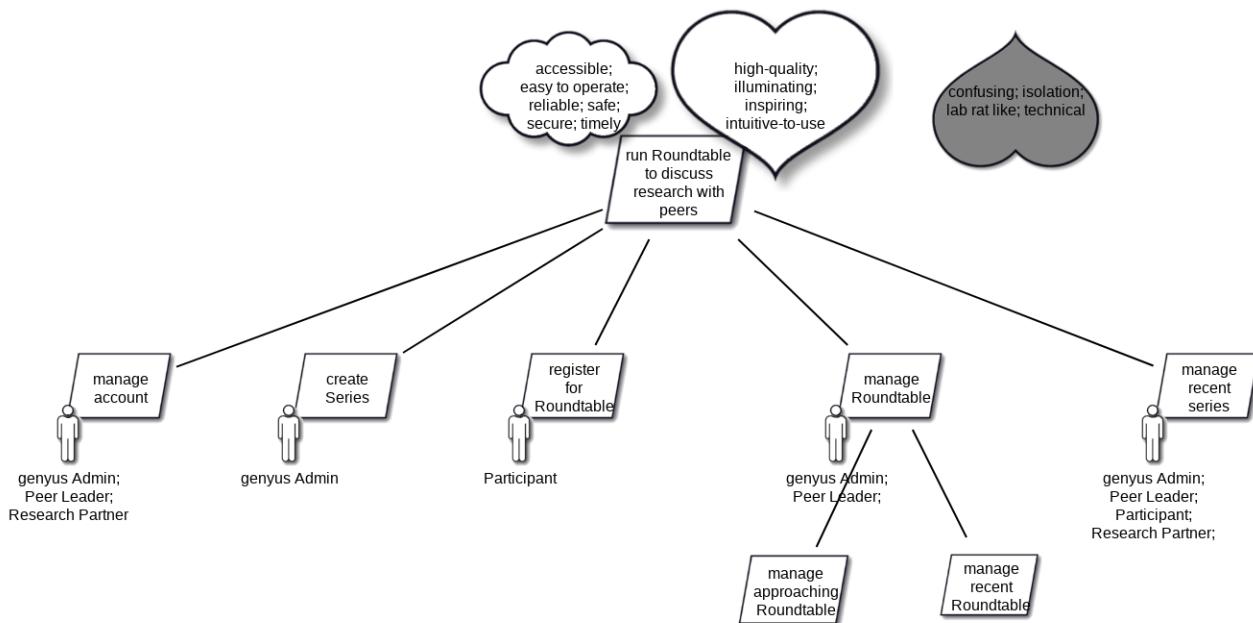
- [Classifications](#)
- [Goal Model](#)
 - [High Level View of Epics](#)
 - [Manage Account Epic](#)
 - [Create Series Epic](#)
 - [Register for Round table Epic](#)
 - [Manage Approaching Round table Epic](#)
 - [Manage Recent Round table Epic](#)
 - [Manage Recent Series Epic](#)
- [DO / BE / FEEL List](#)
- [References](#)

Classifications

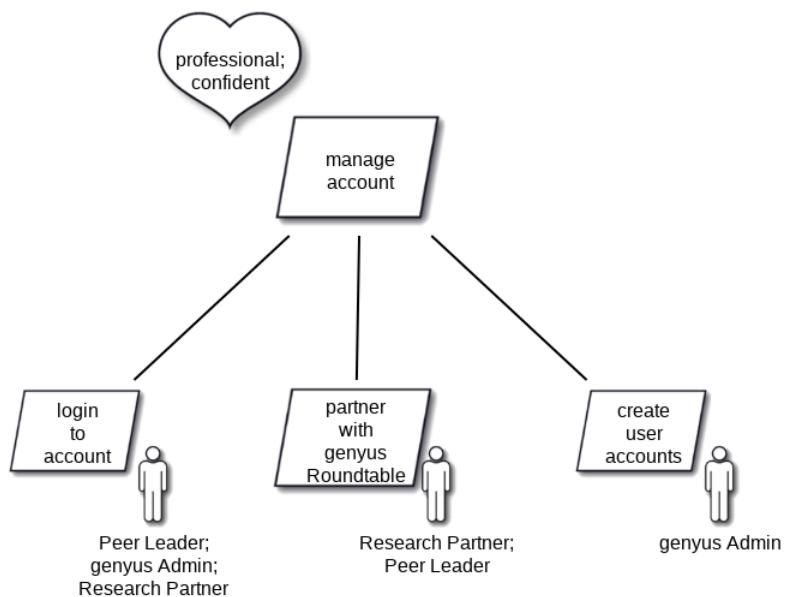
Term	Explanation	Symbol
WHO	Participatory agents of the system.	
DO	What the system should do.	
BE	What attributes should the system have.	
FEEL	Positive emotions the system should evoke.	
CONCERN	Things the system should avoid.	

Goal Model

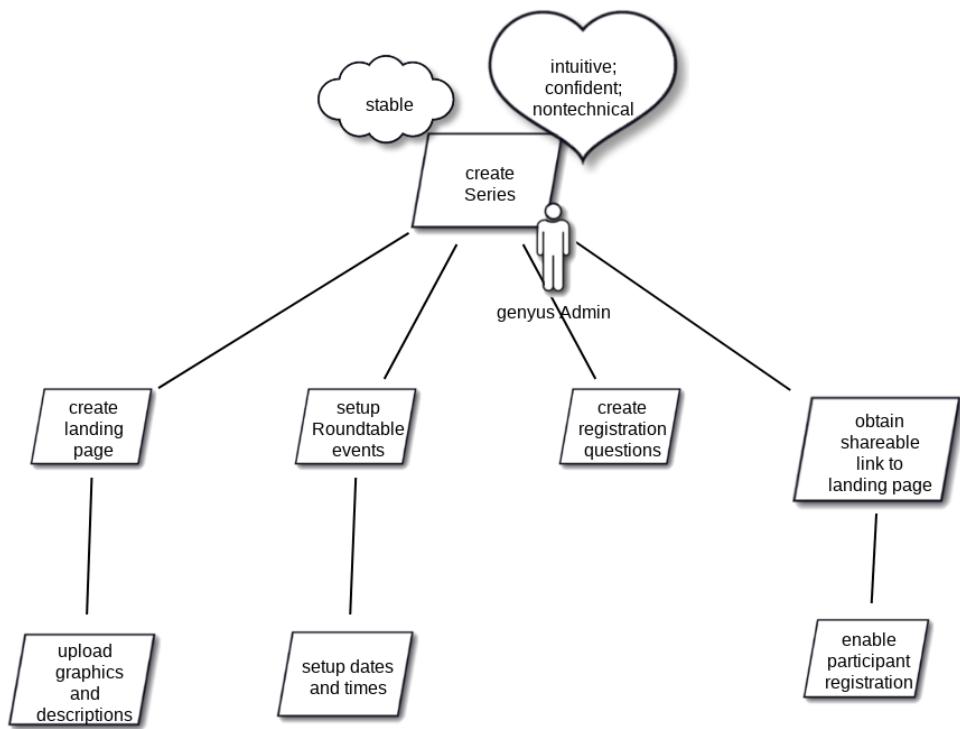
High Level View of Epics



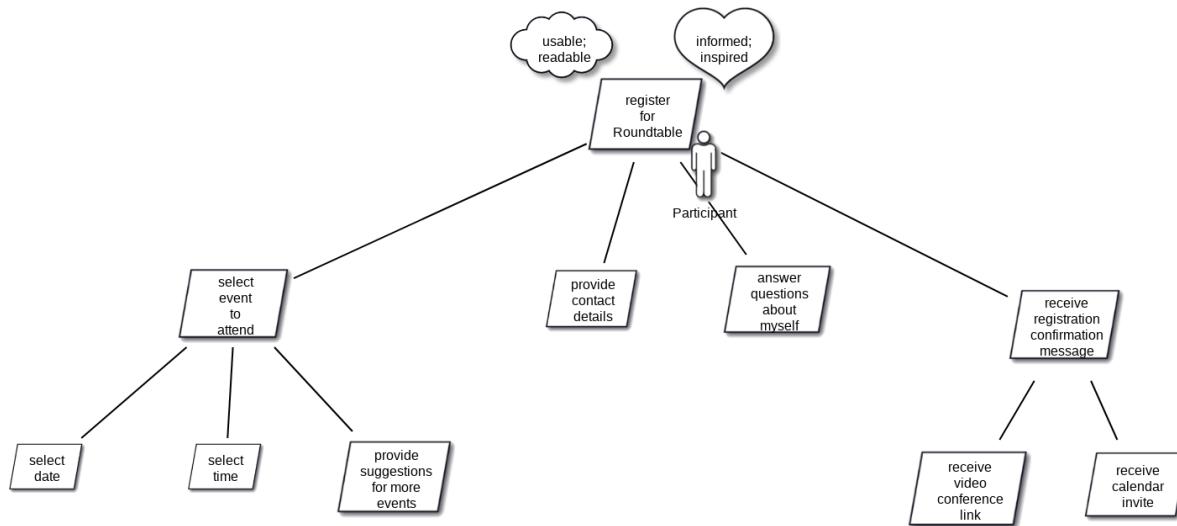
Manage Account Epic



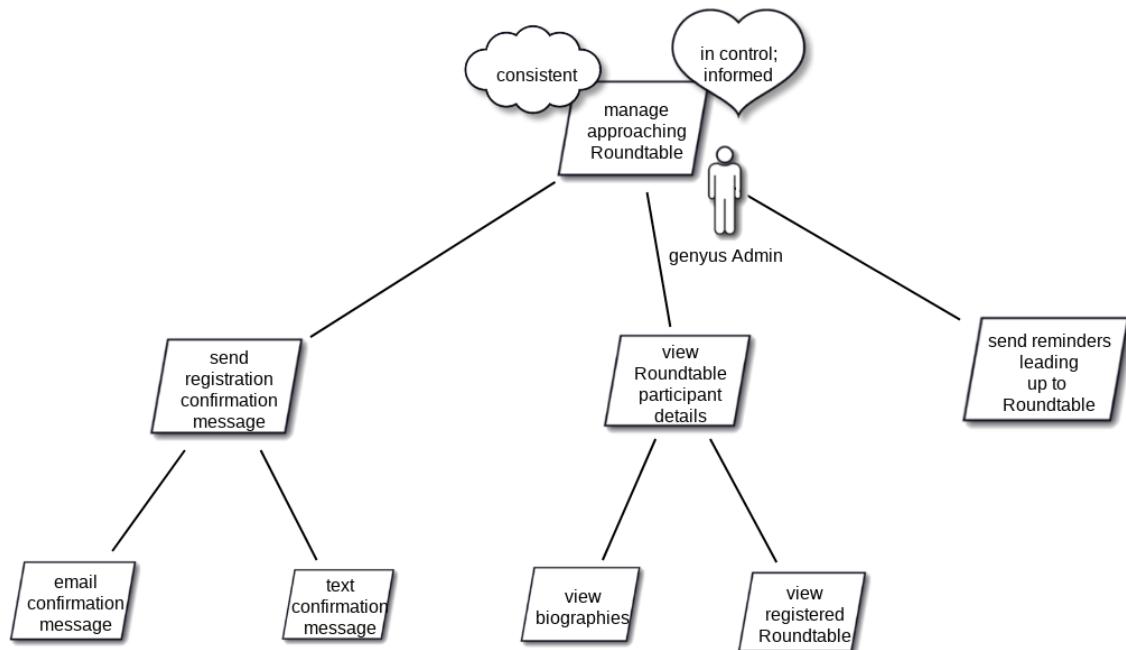
Create Series Epic



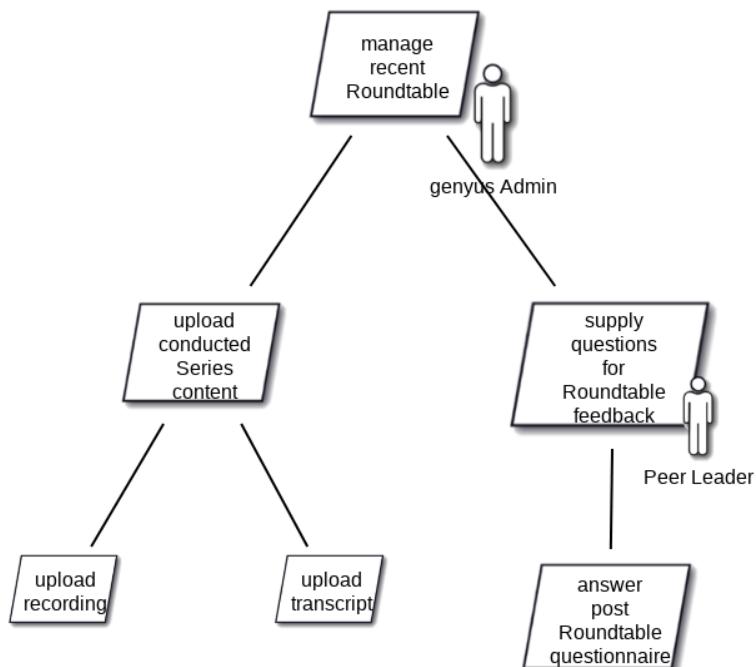
Register for Roundtable Epic



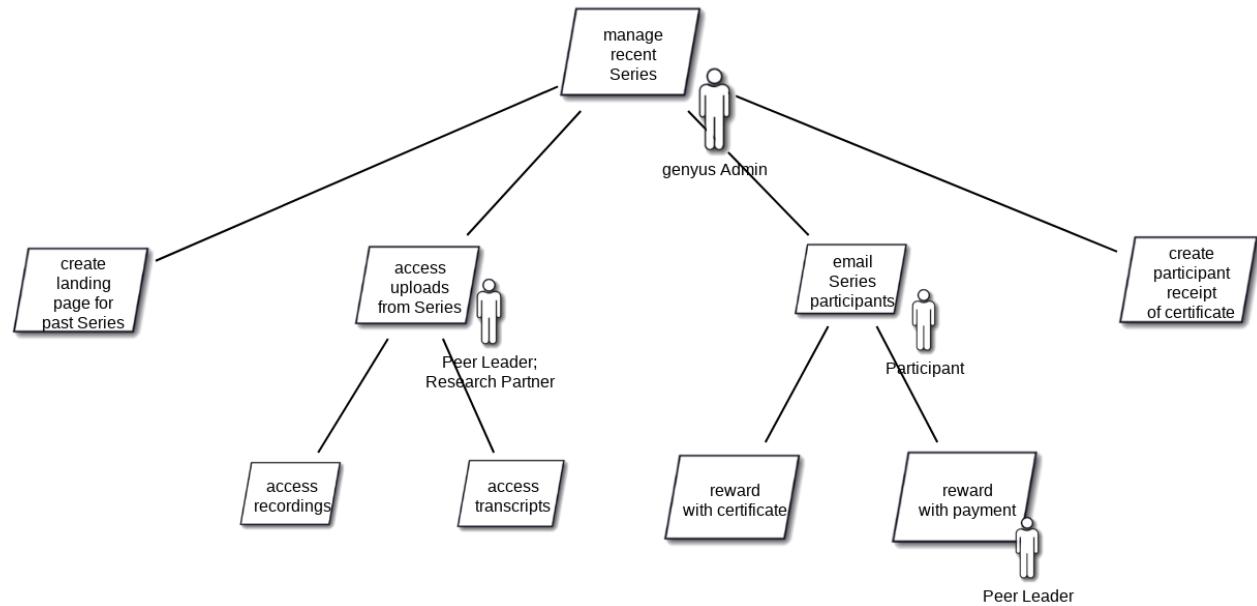
Manage Approaching Roundtable Epic



Manage Recent Roundtable Epic



Manage Recent Series Epic



DO / BE / FEEL List

WHO	DO	BE	FEEL	CONCERN
genyus Admin	run Roundtable to discuss research with peers	accessible easy to operate reliable safe	high-quality illuminating inspiring intuitive-to-use	confusing isolation lab rat like technical
Participant				
Peer Leader				
Research Partner				
genyus Admin	manage account	secure timely stable usable readable	professional confident intuitive confident nontechnical	
Peer Leader				
Research Partner				
genyus Admin	login to account	consistent	informed in control	
Peer Leader				
Research Partner				
Peer Leader	partner with genyus Roundtable			
Research Partner				
genyus Admin	create user accounts create series create landing page upload graphics and descriptions setup Roundtable events create registration questions obtain shareable link to landing page enable participant registration			
Participant	select event to attend select date			

	select time		
	provide suggestions for more events		
	provide contact details		
	answer questions about myself		
	receive registration confirmation message		
	receive video conference link		
	receive calendar invite		
genyus Admin	manage approaching Roundtable		
	send registration confirmation message		
	email confirmation message		
	text confirmation message		
	view Roundtable participant details		
	view biographies		
	view registered Roundtable		
	send reminders leading up to Roundtable		
genyus Admin	manage recent Roundtable		
	upload conducted Series content		
	upload recording		
	upload transcript		
genyus Admin	supply questions for Roundtable feedback		
Peer Leader			
Peer Leader	answer post Roundtable questionnaire		
genyus Admin	manage recent Series		
	create landing page for past Series		
genyus Admin	access uploads from Series		
Peer Leader			
Research Partner			
genyus Admin	access recordings		
Peer Leader			
Research Partner			
genyus Admin	access transcripts		
Peer Leader			
Research Partner			
genyus Admin	email Series participants		
Participant			
Participant	reward with certificate		
Participant	reward with payment		
Peer Leader			
genyus Admin	create participant receipt of certificate		

References

- [1] 2021-03-12 Client Meeting #2
[2] 2021-03-19 Client Meeting #3
[3] Sterling, L., n.d. Motivational Modelling Handout for University of Melbourne students.

[4] genyus network. 2021. Join the genyus Roundtable - genyus network. [online] Available at: <<https://genyusnetwork.com/roundtable/>> [Accessed 24 March 2021].

Personas

A persona is an archetypal user of the genyus Roundtable - they are fictitious people based on our knowledge of real users of the system.

These personas will be used to bring life to users and allow the development team to think of use of the system the way a user would.

Table of Contents

- Justification of Personas
- Primary Personas
 - The Research Partner
 - The Genyus Admin
 - The Participant
 - The Peer Leader
- References

Justification of Personas

The potential users of genyus Roundtable vary in several different attributes including their accessibility requirements, technical knowledge, and their goals and motivations for using the system. To aid in constructing personas, the user group was divided based on distinct variables of their behaviours and use of the system:

- **Activities:** What the user does - frequency and volume
- **Attitudes:** How the user thinks about the domain and technology
- **Aptitudes:** what education and training the user has - capability to learn
- **Motivations:** Why the user is engaged in the product domain
- **Skills:** User capabilities related to the product domain and technology

Persona	Activities	Attitudes	Aptitude	Motivations	Skills	Behavioural Variables
Connor (Research Partner)	<ul style="list-style-type: none">▪ Order a series of Roundtables based on provided questions▪ View findings of those Roundtables	Platform makes it easy to set up a series and also easy to access all of my findings	Strong background in the medical and health industry	Gaining valuable research data	Experienced medical researcher	Connor's accessibility requirements are minimal; he's used to using complex programs and can navigate with ease. He only uses the platform to view Roundtable results.
Calian (genyus Admin)	<ul style="list-style-type: none">▪ Manage the entire Roundtable platform▪ Pay participants and peer leaders	Platform streamlines a lot of the business processes	Affected by a traumatic experience and high knowledge of the domain	Helping others who faced similar experiences	Experienced in the Roundtable ecosystem	Calian has some accessibility requirements, however as a genyus Admin his focus is on making sure he has the tools available to give his participants and peer leaders the smoothest experience. Calian uses the platform all the time.
Lucy (Participant)	<ul style="list-style-type: none">▪ Join and participate in Roundtables	Platform needs to be super easy to use and understand what is happening	Affected by a traumatic experience	Being part of a greater community and sharing their story for research purposes	New to using technology in this way	As a survivor with ongoing visual and physical impact, Lucy has very high accessibility requirements. Lucy only uses the platform for short periods of time very infrequently to sign up for a Roundtable.

William (Peer Leader)	<ul style="list-style-type: none"> ▪ Review participant's data before Roundtable begins ▪ Lead Roundtables and upload answers 	Platform should provide him with the information he requires a lot faster than it current is	Background in health industry and/or experienced trauma	Helping those who have faced traumatic experiences	Experienced talking to people who have suffered negative experiences	<p>William may have some accessibility requirements as he has experienced trauma in the past, however his focus is on ensuring that participants have a smooth and warm experience with the correct features.</p> <p>William leads Roundtables fairly often.</p>
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Primary Personas

The Research Partner

Conner Whitworth



AGE

65

EDUCATION

Bachelor in Medicine
and Surgery

OCCUPATION

Executive Director

LOCATION

Melbourne

TECH LITERACY

Medium

“ I don't have much time to conduct the research myself, but having organisations such as genyus help provide the high quality data I need to elevate my research.

Personality

Logical

Organized

Thinker

Impatient

Platform



Website

The Research Partner

Bio

Conner has decades of experience working in the health service industry and has developed a deep knowledge of chronic diseases and other traumatic health conditions. Currently he is creating a strategic action plan for brain injuries and is looking to further his research by gather primary resources.

Core Needs

- Ability to order a series of Roundtables for a particular research topic with particular Participants
- Participant answers to the research questions he created
- Detailed report of the findings of my Roundtables
- Access to the recordings of my Roundtables

Frustrations

- I can't view all of my Roundtable reports in one place. I need to work with multiple different links.
- Having to sort through and navigate emails and webpages just to find the data I am looking for

Accessibility Requirements

- A simple informative UI
- Consistent navigation
- Easy access to video, audio and pdf elements

Behavioural Variables



The Genyus Admin

Calian Groves



AGE

30

EDUCATION

Bachelor in Film

OCCUPATION

Genyus Founder

LOCATION

Melbourne, Australia

TECH LITERACY

Medium

“I love the genyus community but I'm completely over doing it all manually; someone automate it!

Personality

Extrovert Fearless

Empathetic Driven

Platform



Website

The Genyus Admin

Bio

Calian is a survivor with lived experience. After rebuilding his life after trauma, he's devoted himself to helping others impacted by trauma. He learns quickly and is always happy to give new technology a crack, but he's stretched thin and needs an easier way to scale his work.

Core Needs

- Control over all things genyus Roundtable
- To manage payments to Roundtable Participants
- Calendly integration to minimise learning
- To ensure genyus products appears professional and secure yet welcoming to all users

Frustrations

- Doing everything manually
- Creating wordpress pages is time-consuming and frustrating
- Wants to onboard more staff, however teaching them how to use the current setup and its different workflows would be difficult
- Payments can be hard to track...and they're really important
- Without proper authentication some users sneak in when they're not supposed to.

Accessibility Requirements

- Doesn't want to have to remember complex task flows
- A simple and clean UI

Behavioural Variables



Accessibility-oriented

Feature-oriented



Infrequent usage

Frequent usage

The Participant

Lucy Wong



AGE

35

EDUCATION

Masters in Education

OCCUPATION

Primary Teacher

LOCATION

Brisbane, Australia

TECH LITERACY

Low

“ I love the idea of sharing my experience with others, but computers really aren't my thing. Hopefully I'll manage! ”

Personality

Introvert

Reader

Calm

Perservering

Platform



Website Mobile App

The Participant

Bio

Lucy is a primary school teacher who suffered a stroke when she was in her early thirties, and is still impacted. She sometimes experiences muscular/visual impairment, but doesn't let it stop her from getting things done.

Core Needs

- To easily be able to register for Roundtables, and be reminded when they're coming up
- High levels of accessibility
- A smooth and stress-free experience from beginning to end

Frustrations

- So many websites and computer programs aren't made with accessibility in mind
- Tiny buttons...I hate them!

Accessibility Requirements

- Larger buttons; sometimes I can have problems with accuracy when making small muscle movements (like using a mouse)
- Screen reading; there are periods when my vision isn't great
- Proper element focusing, so I can navigate with a keyboard

Behavioural Variables



The Peer Leader

William Squires



AGE 37
EDUCATION Masters in Commerce
OCCUPATION Business Analyst
LOCATION Sydney
TECH LITERACY Medium

“ Currently certain aspects of the system are quite laborious. Automating certain tasks and information transfer would definitely improve my experience as a Peer Leader.

Personality

Extrovert Prudent Orderly

Platform



Website

The Peer Leader

Bio

William has been leading accident support groups for nearly 5 years and has just recently joined the genyus Roundtable program as a Peer Leader. He has always been passionate about helping others, particularly those who are struggling to recover from accidents and injuries. He also has lived experience.

Core Needs

- To be able to attend and conduct Roundtable meetings
- View all attendees profiles as preparation before each Roundtable commences
- Record notes and takeaways after each Roundtable meeting

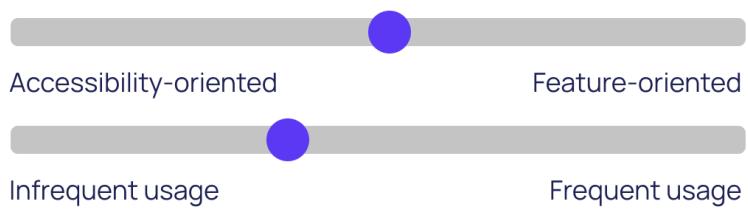
Frustrations

- He has to wait until a genyus admin delivers the attendees profiles, which often cuts his preparation time
- Currently has to wait to receive the post-Roundtable questionnaire from the admin instead of having the option to fill it out immediately after the conclusion of the roundtable

Accessibility Requirements

- Straight forward navigation where I can easily find content
- Content appears and operates in predictable ways

Behavioural Variables



References

[1] [Figma Persona Document](#)

User Stories

A user story is an informal, general explanation of a software feature written from the perspective of the end user or customer[1].

User Stories have been grouped by Epics reflecting the Motivational Goal Model and subsequently ordered by their MoSCoW priority.

User stories of the genyus Roundtable have been written from the perspective of the [Personas](#) in order to personify users of the system and ensure all software features are captured. Acceptance criteria has been added to ensure all user stories meet requirements.

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- User Stories Classification
 - Size Estimation
 - MoSCoW Priority
- User Stories
 - Epic Statuses
 - User Story Statuses
- References

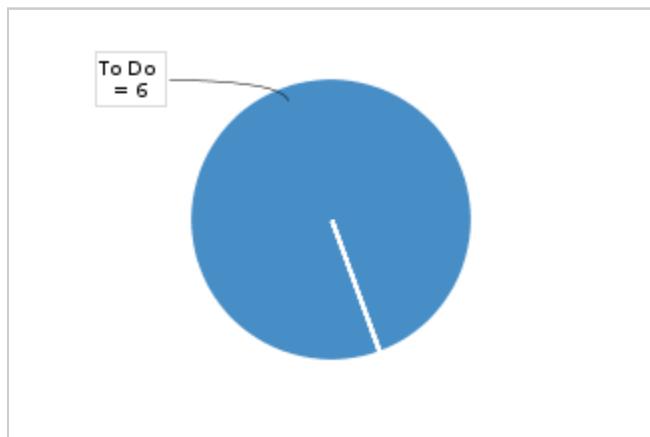
User Stories Classification

Size Estimation	
Small	User stories that can be completed within one day.
Medium	User stories that can be completed within a few days sprint.
Large	User stories that can be completed within one week.
MoSCoW Priority	
Must have	Non-negotiable product needs that are mandatory for the team.
Should have	Important initiatives that are not vital but add significant value.
Could have	Nice to have initiatives that will have a small impact if left out.
Will not have	Initiatives that are not a priority for this specific time-frame.

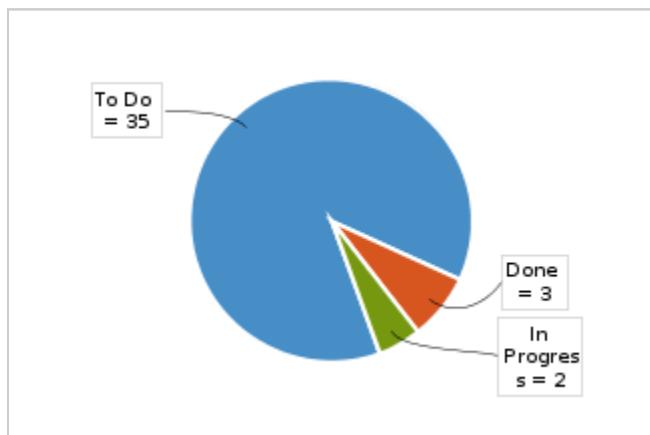
User Stories

MoSCoW Priority, Size Estimation	Count
Could have	Medium
	Small
	Total
Must have	Medium
	Small
	Total
Should have	Medium
	Small
	Total
Total	Medium
	Small

Epic Statuses



User Story Statuses



Epic ID	Epic	User Story ID	As	I Want To	So That	Size Estimation	MoSCoW Priority	Justification
SWEN900132021GN-2 TO DO	Manage an Account	SWEN900132021GN-9 TO DO	Conne r (Rese arch Partne r)	Reach out to genyus Roundtable	I can reach their community of users to participate in Roundtables in order to aide my research	Small	Could have	<p><i>Size estimation:</i> A simple "About Us" page should work just fine.</p> <p><i>MoSCoW priority:</i> Since most of the time they are contacted via networking.</p>
		SWEN900132021GN-71 DONE	Calian (genyus Admin)	Have a central repository for all users of the system	I can administrate the system	Medium	Must have	<p><i>Size estimation:</i> Will likely require integration with an authentication server.</p> <p><i>MoSCoW priority:</i> Necessary functionality of the system.</p>

		<table border="1"> <tr> <td></td><td>SWEN900132021GN-10</td><td>IN PROGRESS</td></tr> </table>		SWEN900132021GN-10	IN PROGRESS	Calian (genyus Admin)	Create an account for a Peer Leader, Research Partner or genyus Admin	They can be authenticated on the system	Medium	Must have	<p><i>Size estimation:</i> Will likely only require an extension of current functionality, given Calian (genyus Admin) must have an authentication process.</p> <p><i>MoSCoW priority:</i> Necessary functionality given the sensitive nature of the health data.</p>			
	SWEN900132021GN-10	IN PROGRESS												
		<table border="1"> <tr> <td></td><td>SWEN900132021GN-128</td><td>TO DO</td></tr> </table>		SWEN900132021GN-128	TO DO	Calian (genyus Admin)	Deactivate/Activate an account for a Peer Leader, Research Partner or genyus Admin	I can stop/re-authorize an account to access authenticated content	Medium	Could have	<p><i>Size estimation:</i> Will likely only require an extension of current functionality, given Calian (genyus Admin) must have an authentication process.</p> <p><i>MoSCoW priority:</i> Useful functionality given the sensitive nature of the health data.</p>			
	SWEN900132021GN-128	TO DO												
		<table border="1"> <tr> <td></td><td>SWEN900132021GN-41</td><td>TO DO</td></tr> </table>		SWEN900132021GN-41	TO DO	<table border="1"> <tr> <td>Calian (genyus Admin)</td> </tr> <tr> <td>Connector (Research Partner)</td> </tr> <tr> <td>William (Peer Leader)</td> </tr> </table>	Calian (genyus Admin)	Connector (Research Partner)	William (Peer Leader)	Log into my account	I can access the Roundtable application	Medium	Must have	<p><i>Size estimation:</i> Will require implementing an authentication provider.</p> <p><i>MoSCoW priority:</i> Necessary functionality of the system.</p>
	SWEN900132021GN-41	TO DO												
Calian (genyus Admin)														
Connector (Research Partner)														
William (Peer Leader)														
	Create a Series	<table border="1"> <tr> <td></td><td>SWEN900132021GN-11</td><td>TO DO</td></tr> </table>		SWEN900132021GN-11	TO DO	Calian (genyus Admin)	Create a Series landing page	There is a landing page for Participants to view and register for a Roundtable	Small	Must have	<p><i>Size estimation:</i> Should only require creation of a new page.</p> <p><i>MoSCoW priority:</i> This is the crux of the system and most other user stories will depend on this being implemented.</p>			
	SWEN900132021GN-11	TO DO												
		<table border="1"> <tr> <td></td><td>SWEN900132021GN-12</td><td>IN PROGRESS</td></tr> </table>		SWEN900132021GN-12	IN PROGRESS	Calian (genyus Admin)	Upload the Series description and graphics	Participants can view the purpose of the Series prior to registering for a Roundtable	Medium	Must have	<p><i>Size estimation:</i> Likely will require integration with video streaming and image hosting services.</p> <p><i>MoSCoW priority:</i> This is the crux of the system and most other user stories will depend on this being implemented.</p>			
	SWEN900132021GN-12	IN PROGRESS												
		<table border="1"> <tr> <td></td><td>SWEN900132021GN-42</td><td>TO DO</td></tr> </table>		SWEN900132021GN-42	TO DO	Calian (genyus Admin)	Integrate a calendar with a Series	I can choose dates and times of Roundtables	Medium	Must have	<p><i>Size estimation:</i> Will require integration with a calendar service.</p> <p><i>MoSCoW priority:</i> Necessary functionality.</p>			
	SWEN900132021GN-42	TO DO												

		<table border="1"> <tr> <td> SWEN900132021GN-13 TO DO</td><td>Calian (geny us Admin)</td><td>Select dates and times of Roundtables in the Series</td><td>Participants can select their preferred time for roundtable meetings</td><td>Medium</td><td>Must have</td><td> <p><i>Size estimation:</i> Will likely require significant work to integrate Calendly API.</p> <p><i>MoSCoW priority:</i> Provides flexibility to genyus Admin.</p> </td></tr> </table>	SWEN900132021GN-13 TO DO	Calian (geny us Admin)	Select dates and times of Roundtables in the Series	Participants can select their preferred time for roundtable meetings	Medium	Must have	<p><i>Size estimation:</i> Will likely require significant work to integrate Calendly API.</p> <p><i>MoSCoW priority:</i> Provides flexibility to genyus Admin.</p>
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		<table border="1"> <tr> <td> SWEN900132021GN-14 TO DO</td><td>Calian (geny us Admin)</td><td>Create a list of questions for a Series for the Participant to answer prior to registering for a Roundtable</td><td>I can determine unsuitability and so that the Peer Leader can become acquainted</td><td>Small</td><td>Must have</td><td> <p><i>Size estimation:</i> Likely requires only amending the Calendly invite.</p> <p><i>MoSCoW priority:</i> This must be answered by participants so the Peer Leader can properly steer Roundtables.</p> </td></tr> </table>	SWEN900132021GN-14 TO DO	Calian (geny us Admin)	Create a list of questions for a Series for the Participant to answer prior to registering for a Roundtable	I can determine unsuitability and so that the Peer Leader can become acquainted	Small	Must have	<p><i>Size estimation:</i> Likely requires only amending the Calendly invite.</p> <p><i>MoSCoW priority:</i> This must be answered by participants so the Peer Leader can properly steer Roundtables.</p>
SWEN900132021GN-14 TO DO	Calian (geny us Admin)	Create a list of questions for a Series for the Participant to answer prior to registering for a Roundtable	I can determine unsuitability and so that the Peer Leader can become acquainted	Small	Must have	<p><i>Size estimation:</i> Likely requires only amending the Calendly invite.</p> <p><i>MoSCoW priority:</i> This must be answered by participants so the Peer Leader can properly steer Roundtables.</p>			
		<table border="1"> <tr> <td> SWEN900132021GN-15 TO DO</td><td>Calian (geny us Admin)</td><td>Create a 'consent to be recorded during a Roundtable' that must be ticked by all Participants who wish to register for a Roundtable</td><td>All Roundtables can be recorded and findings can be reported back to the Research Partner with consent of all Participants</td><td>Small</td><td>Must have</td><td> <p><i>Size estimation:</i> Likely requires only amending the Calendly invite.</p> <p><i>MoSCoW priority:</i> Necessary functionality otherwise the Research Partner cannot use any findings.</p> </td></tr> </table>	SWEN900132021GN-15 TO DO	Calian (geny us Admin)	Create a 'consent to be recorded during a Roundtable' that must be ticked by all Participants who wish to register for a Roundtable	All Roundtables can be recorded and findings can be reported back to the Research Partner with consent of all Participants	Small	Must have	<p><i>Size estimation:</i> Likely requires only amending the Calendly invite.</p> <p><i>MoSCoW priority:</i> Necessary functionality otherwise the Research Partner cannot use any findings.</p>
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		 SWEN900132021GN-19 TO DO	Lucy (Participant)	Receive confirmation email when I sign up to a Roundtable	I have access to the link that I will use to attend the Roundtable	Small	Must have	<p><i>Size estimation:</i> Small, assuming that prerequisite user stories are already implemented, this should be as simple as collecting that information into an email and sending it to the participant.</p> <p><i>MoSCoW priority:</i> Important, as this is how users participate in Roundtables that they have signed up for.</p>
		 SWEN900132021GN-43 TO DO	Lucy (Participant)	Receive confirmation text when I sign up to a Roundtable	I have access to the link that I will use to attend the Roundtable	Small	Must have	<p><i>Size estimation:</i> Small, assuming that prerequisite user stories are already implemented, this should be as simple as collecting that information into an email and sending it to the participant.</p> <p><i>MoSCoW priority:</i> Important, as this is how users participate in Roundtables that they have signed up for.</p>
		 SWEN900132021GN-20 TO DO	Lucy (Participant)	Provide suggestions for more Roundtable times	Express interest in attending a Roundtable if none of the existing times are suitable for me	Small	Should have	<p><i>Size estimation:</i> User would need to input alternative times during which they are available, and an admin would need to review these times and then.</p> <p><i>MoSCoW priority:</i> Not critical to the functionality of the system but would significantly improve user experience.</p>
		 SWEN900132021GN-21 TO DO	Lucy (Participant)	Fill out the introduction and biography questions prior to registering for a Roundtable	The Peer Leader is more familiar with my background prior to attending a Roundtable	Small	Should have	<p><i>Size estimation:</i> Most of this functionality is already implemented in Calendly, and therefore should require minimal effort on our part.</p> <p><i>MoSCoW priority:</i> Not necessary but seems important functionality for maintaining a positive experience for users participating in Roundtables.</p>

		 SWEN900132021GN-3 TO DO	Manage an Approaching Roundtable					
		 SWEN900132021GN-22 TO DO		Calian (geny us Admin)	Send a confirmation e-mail upon registration to Participants with a calendar invite and video conference link	Participants are aware their registration is confirmed and can add the event invites to their calendar	Medium	Must have
		 SWEN900132021GN-23 TO DO		Calian (geny us Admin)	Send a confirmation text upon registration to Participants with a calendar invite and video conference link	Participants are aware their registration is confirmed and can add the event invites to their calendar	Medium	Must have
		 SWEN900132021GN-24 TO DO		William (Peter Leader) Calian (geny us Admin)	View all Participants attending a Roundtable, including their biographies	I am familiar with Participants attending a Roundtable and I can properly engage them in discussion	Medium	Must have
		 SWEN900132021GN-25 TO DO		Calian (geny us Admin)	Send a text reminder leading up to a Roundtable	I am assured Participants will not forget to attend	Small	Must have
		 SWEN900132021GN-26 TO DO		Calian (geny us Admin)	Send an email reminder leading up to a Roundtable	I am assured Participants will not forget to attend	Small	Must have
		 SWEN900132021GN-27 TO DO		Lucy (Participant)	Receive a text reminder leading up to a Roundtable that I am registered in	I do not forget about an upcoming Roundtable	Small	Should have

			William (Peter Leader)					improve user experience.	
		SWEN900132021GN-28 TO DO	Lucy (Participant)	Receive an email reminder leading up to a Roundtable that I am registered in	I do not forget about an upcoming Roundtable	Small	Should have	<i>Size estimation:</i> Small, especially assuming the functionality for sending emails to participants is already in place this would likely be very similar to implement. <i>MoSCoW priority:</i> Not critical to the functionality of the application but would improve user experience.	
			William (Peter Leader)						
	Manage a Recent Roundtable	SWEN900132021GN-3 TO DO	SWEN900132021GN-60 DONE	Calian (genius Admin)	Have a central repository to manage Roundtable recordings	I can upload recordings for Roundtables to Series landing pages	Medium	Must have	<i>Size estimation:</i> Likely to require significant work to determine correct bucket to use. <i>MoSCoW priority:</i> Necessary functionality to upload recordings for Research Partners.
		SWEN900132021GN-59 DONE	Calian (genius Admin)	Have a central repository to manage Roundtable transcripts	I can upload transcripts for Roundtables to Series landing pages	Medium	Must have	<i>Size estimation:</i> Likely to require significant work to determine correct bucket to use. <i>MoSCoW priority:</i> Necessary functionality to upload recordings for Research Partners.	
		SWEN900132021GN-29 TO DO	Calian (genius Admin)	Upload recording to past Series landing pages	I can present these to the Research Partner	Medium	Must have	<i>Size estimation:</i> Likely to involve significant amount of work and the use of third-party apps to support video streaming. <i>MoSCoW priority:</i> Necessary functionality of the system as the client is paying for this.	
		SWEN900132021GN-44 TO DO	Calian (genius Admin)	Upload transcript to past Series landing pages	I can present these to the Research Partner	Medium	Must have	<i>Size estimation:</i> Likely to involve significant amount of work and the use of third-party apps to support document upload. <i>MoSCoW priority:</i> Necessary functionality of the system as the client is paying for this.	

		<table border="1"> <tr> <td> SWEN900132021GN-30</td><td>TO DO</td></tr> </table>	SWEN900132021GN-30	TO DO	Calian (genyus Admin)	Create a questionnaire for the Roundtable Peer Leader to answer	I can present Roundtable outcomes to the client	Medium	Could have	<p>Size estimation: Likely won't require much work to collate questionnaire responses, especially if a third party service is used.</p> <p>MoSCoW priority: Currently takes place out of the system but the client would like it folded into system functionality.</p>																	
SWEN900132021GN-30	TO DO																										
		<table border="1"> <tr> <td> SWEN900132021GN-31</td><td>TO DO</td></tr> </table>	SWEN900132021GN-31	TO DO	William (Peer Leader)	Answer post-Roundtable questions	I can document what happened during the Roundtable	Medium	Should have	<p>Size estimation: To implement this, require frontend & backend & database.</p> <p>MoSCoW priority: An organised file system is nice, but without it the system can still be functional.</p>																	
SWEN900132021GN-31	TO DO																										
		<table border="1"> <tr> <td> SWEN900132021GN-45</td><td>TO DO</td></tr> </table>	SWEN900132021GN-45	TO DO	William (Peer Leader)	Send post-Roundtable answers to genyus Admin	I can inform the genyus Admin what occurred during a Roundtable	Small	Could have	<p>Size estimation: Likely will not require much effort, especially if a third party app is used.</p> <p>MoSCoW priority: Currently takes place out of the system but the client would like it folded into system functionality.</p>																	
SWEN900132021GN-45	TO DO																										
	Manage a Recent Series	<table border="1"> <tr> <td> SWEN900132021GN-3</td><td>TO DO</td></tr> </table>	SWEN900132021GN-3	TO DO	<table border="1"> <tr> <td> SWEN900132021GN-32</td><td>TO DO</td></tr> </table>	SWEN900132021GN-32	TO DO	Calian (genyus Admin)	Create a landing page for a past Series	I can upload Roundtable recordings and notes	Small	Must have	<p>Size estimation: Likely a small workload and can piggyback off Roundtable creation user story above.</p> <p>MoSCoW priority: Necessary functionality of the system as the client is paying for this.</p>														
SWEN900132021GN-3	TO DO																										
SWEN900132021GN-32	TO DO																										
		<table border="1"> <tr> <td> SWEN900132021GN-33</td><td>TO DO</td></tr> </table>	SWEN900132021GN-33	TO DO	Calian (genyus Admin)	Email all Series Participants	I can thank them for attending	Medium	Must have	<p>Size estimation: Will likely require significant work to integrate with 3rd party providers to manage emails.</p> <p>MoSCoW priority: A key piece of the system, as emphasised by the clients.</p>																	
SWEN900132021GN-33	TO DO																										
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	 SWEN900132021GN-35 TO DO	Calian (genyus Admin)	Reward Participants with a Certificate of Attendance	Participants can use the certificate as evidence of work experience	Small	Should have	<p><i>Size estimation:</i> Likely low workload once email integration is built.</p> <p><i>MoSCoW priority:</i> This feature likely requires the rest of the system functionality to be built before it can begin work.</p>
	 SWEN900132021GN-36 TO DO	Lucy (Participant)	Receive payment for completing a Series	I am rewarded for the time and effort that I spent participating in this Roundtable	Small	Could have	<p><i>Size estimation:</i> Could be handled outside of the system or automated.</p> <p><i>MoSCoW priority:</i> Express ed by the clients as a nice to have feature.</p>
		William (Peer Leader)					<p><i>MoSCoW priority:</i> Express ed by the clients as a nice to have feature.</p>
	 SWEN900132021GN-37 TO DO	Lucy (Participant)	Receive a certificate for completing a Series	I can display it as work experience	Small	Should have	<p><i>Size estimation:</i> Could be handled outside of the system or automated.</p> <p><i>MoSCoW priority:</i> Express ed by the clients as a nice to have feature.</p>
	 SWEN900132021GN-38 TO DO	Calian (genyus Admin)	Reward Participants, Peer Leaders with financial payment	Participants are fairly compensated	Medium	Could have	<p><i>Size estimation:</i> Likely a larger workload given the need to integrate with a financial provider.</p> <p><i>MoSCoW priority:</i> Currently this is manually handled by Calian (genyus Admin) and is a nice to have feature, according to client.</p>
	 SWEN900132021GN-39 TO DO	Calian (genyus Admin)	Create a receipt of payment and certificate to Participants, Peer Leaders	I have an accurate record of which Participants have been paid	Medium	Could have	<p><i>Size estimation:</i> Likely a larger workload given the need to integrate with a financial provider.</p> <p><i>MoSCoW priority:</i> Currently this is manually handled by Calian (genyus Admin) and is a nice to have feature, according to client.</p>
	 SWEN900132021GN-46 TO DO	Calian (genyus Admin)	Create a receipt of certificate to Participants	I have an accurate record of which Participants have been given a certificate	Small	Could have	<p><i>Size estimation:</i> Likely minimal workload once the use case for creating a certificate is done.</p> <p><i>MoSCoW priority:</i> Currently this is manually handled by Calian (genyus Admin) and is a nice to have feature, according to client.</p>

References

[1] <https://www.atlassian.com/agile/project-management/user-stories>

User Stories Map

In order to visually communicate user stories and priorities, a User Story map has been created for genyus Roundtable.

As Miro does not offer free Confluence integration, the User Stories Map can be accessed [here](#) and has been attached as a downloadable PDF[1].

The User Story Map was sent to the client on 10 May 2021.

References

[1] [User Story Map.pdf](#)

Acceptance Criteria

Acceptance criteria are the conditions that a software product must meet to be accepted by a user, a customer, or other system. They are unique for each user story and define the feature behavior from the end-user's perspective.[1]

Please see [Acceptance Testing \(WIP\)](#) for test results.

Assumptions

1. Admins, Research Partners, and Peer Leaders all have valid login credentials;
2. Research Partners are associated to a Series; and
3. Participants and Peer Leaders have attended one or many Roundtables.

User Story ID	As	I Want To	So That	Acceptance Criteria (AC) ID	Given	When	Then
SWEN900132021GN-9 - Getting issue details... STATUS	Conne r (Rese arch Partne r)	Reach out to genyus Roundtable	I can reach their community of users to participate in Roundtables in order to aide my research	AC 001	I am interested in partnering with genyus Roundtable to conduct research	I navigate to the About Us webpage on their website	I can see their email address and phone number in order to contact them.
SWEN900132021GN-71 - Getting issue details... STATUS	Calian (geny us Admin)	Have a central repository for all users of the system	I can administrate the system	AC 002	I am an Administrator	I navigate to the Admin page	I have a central repository of users in the system
SWEN900132021GN-10 - Getting issue details... STATUS	Calian (geny us Admin)	Create an account for a Peer Leader, Research Partner or genyus Admin	They can be authenticated on the system	AC 003	I need to create a new account for a genyus Admin, Research Partner or Peer Leader	I navigate to the Admin page, I select 'Create new account' and enter the user's first name, last name, email address, and a temporary password	The account is created in the system and the user is able to use it to log in successfully
SWEN900132021GN-128 - Getting issue details... STATUS	Calian (geny us Admin)	Deactivate/Activate an account for a Peer Leader, Research Partner or genyus Admin	I can stop/re-authorize an account to access authenticated content	AC 004	I need to deactivate an existing account for a genyus Admin, Research Partner or Peer Leader	I navigate to the Admin page, I select the admin, Research Partner or Peer Leader I want to deactivate	I can see their account details and I click deactivate
SWEN900132021GN-41 - Getting issue details... STATUS	Calian (geny us Admin)	Log into my account	I can access the Roundtable application	AC 005	I have entered my user credentials	I click 'Log in'	I am authenticated and directed to my user account page
SWEN900132021GN-41 - Getting issue details... STATUS	Conne r (Rese arch Partne r)	Log into my account	I can access the Roundtable application	AC 005	I have entered my user credentials	I click 'Log in'	I am authenticated and directed to my user account page
SWEN900132021GN-41 - Getting issue details... STATUS	Willia m (Pe er Leade r)	Log into my account	I can access the Roundtable application	AC 005	I have entered my user credentials	I click 'Log in'	I am authenticated and directed to my user account page
SWEN900132021GN-11 - Getting issue details... STATUS	Calian (geny us Admin)	Create a Series landing page	There is a landing page for Participants to view and register for a Roundtable	AC 006	I have partnered with a Research Partner and need to create a Series landing page for upcoming Roundtables	I navigate to the Admin page, I select 'Create new Series'	A publicly available Series landing page is created
SWEN900132021GN-12 - Getting issue details... STATUS	Calian (geny us Admin)	Upload the Series description and graphics	Participants can view the purpose of the Series prior to registering for a Roundtable	AC 007	I have all the details ready for creating a series I have already created a Series Landing Page	I navigate to Admin page, click on a Series and I enter the Series description, images, and associated Research Partner	The Series Landing Page was auto generated
SWEN900132021GN-42 - Getting issue details... STATUS	Calian (geny us Admin)	Integrate a calendar with a Series	I can choose dates and times of Roundtables	AC 008	I have already created a Series Integrate it with a calendar	I click on a link that takes me to Calendly Integrate it with a calendar	I am able to choose a series of dates and times for Roundtables

SWEN900132021GN-13 - Getting issue details... STATUS	Calian (geny us Admin)	Select dates and times of Roundtables in the Series	Participants can select their preferred time for roundtable meetings	AC 009	I have already created a Series Landing Page	I navigate to Admin page, click on a Series and I enter Roundtable dates and times	The Series Landing Page is populated with Roundtables a Participant can register in to
SWEN900132021GN-14 - Getting issue details... STATUS	Calian (geny us Admin)	Create a list of questions for a Series for the Participant to answer prior to registering for a Roundtable	I can determine unsuitability and so that the Peer Leader can become acquainted	AC 010	I have already created a Series Landing Page	I navigate to Admin page, click on a Series and I create a list of questions associated to the Series	The Participant must respond to each question before successful registration into a Roundtable
SWEN900132021GN-15 - Getting issue details... STATUS	Calian (geny us Admin)	Create a 'consent to be recorded during a Roundtable' that must be ticked by all Participants who wish to register for a Roundtable	All Roundtables can be recorded and findings can be reported back to the Research Partner with consent of all Participants	AC 011	I have already created a Series Landing Page	I navigate to Admin page, click on a Series and I create a 'Consent to be recorded' question	The Participant must agree to give consent before successful registration into a Roundtable
SWEN900132021GN-16 - Getting issue details... STATUS	Calian (geny us Admin)	Obtain a shareable URL for a Series	The Research Partners can invite their contacts to register for a Roundtable	AC 012	I have already created a Series Landing Page	I navigate to the Admin page and the system displays all Series', along with their shareable URL	I can copy this URL and email it to anyone and they click the link to view the Series landing page
SWEN900132021GN-17 - Getting issue details... STATUS	Lucy (Partic ipant)	Register for a Roundtable by choosing a date and time on landing page	I can attend a Roundtable	AC 013	I navigate to the public URL of a Series	I select the date and time of a Roundtable I want to register into	I click 'Submit registration' and I am registered to attend that Roundtable
SWEN900132021GN-18 - Getting issue details... STATUS	Lucy (Partic ipant)	Provide my mobile phone number upon registration	I can be reminded of upcoming Roundtables via text message reminders	AC 014	I have navigated to a Series landing page and selected a Roundtable to register into	I select 'Submit registration'	I am prompted to provide my phone number to be used to send registration details and reminders
SWEN900132021GN-19 - Getting issue details... STATUS	Lucy (Partic ipant)	Receive confirmation <u>email</u> when I sign up to a Roundtable	I have access to the link that I will use to attend the Roundtable	AC 015	I have navigated to a Series landing page and selected a Roundtable to register into	I select 'Submit registration'	The system registers my confirmation and I am sent an <u>email</u> with Roundtable registration details (date, time, location)
SWEN900132021GN-43 - Getting issue details... STATUS	Lucy (Partic ipant)	Receive confirmation <u>text</u> when I sign up to a Roundtable	I have access to the link that I will use to attend the Roundtable	AC 016	I have navigated to a Series landing page and selected a Roundtable to register into	I select 'Submit registration'	The system registers my confirmation and I am sent a <u>text</u> with Roundtable registration details (date, time, location)
SWEN900132021GN-20 - Getting issue details... STATUS	Lucy (Partic ipant)	Provide suggestions for more Roundtable times	Express interest in attending a Roundtable if none of the existing times are suitable for me	AC 017	I am unable to attend any scheduled Roundtables for a Series	I navigate to a Series landing page and select 'Contact genyus Roundtable'	I can send a message to the Admin providing suggestions for dates and times of additional Roundtables
SWEN900132021GN-21 - Getting issue details... STATUS	Lucy (Partic ipant)	Fill out the introduction and biography questions prior to registering for a Roundtable	The Peer Leader is more familiar with my background prior to attending a Roundtable	AC 018	I have navigated to a Series landing page and selected a Roundtable to attend	I select 'Register for Roundtable'	I am presented with biographical questions to answer about myself prior to confirming registration
SWEN900132021GN-22 - Getting issue details... STATUS	Calian (geny us Admin)	Send a confirmation <u>email</u> upon registration to Participants with a calendar invite and video conference link	Participants are aware their registration is confirmed and can add the event invites to their calendar	AC 019	I have created a Series with associated Roundtables and there is at least 1 person registered into a Roundtable	I navigate to the Admin page and select the Series, I am presented with a list of associated Roundtables	I can select 'Send email reminder to Participants' for a Roundtable and an <u>email</u> is sent to all Participants registered into that Roundtable
SWEN900132021GN-23 - Getting issue details... STATUS	Calian (geny us Admin)	Send a confirmation <u>text</u> , upon registration to Participants with a calendar invite and video conference link	Participants are aware their registration is confirmed and can add the event invites to their calendar	AC 020	I have created a Series with associated Roundtables and there is at least 1 person registered into a Roundtable	I navigate to the Admin page and select the Series, I am presented with a list of associated Roundtables	I can select 'Send text message reminder to Participants' for a Roundtable and a <u>text</u> message is sent to all Participants registered into that Roundtable
SWEN900132021GN-24 - Getting issue details... STATUS	Willia m (Pe er Leade r)	View all Participants attending a Roundtable, including their biographies	I am familiar with Participants attending a Roundtable and I can properly engage them in discussion	AC 021	I have created a Series with associated Roundtables and there is at least 1 person registered into a Roundtable	I navigate to the Admin page and select the Series, I am presented with a list of associated Roundtables	I can select 'View registered Participants' to see all responses to the biographical questions by each Participant
SWEN900132021GN-25 - Getting issue details... STATUS	Calian (geny us Admin)	View all Participants attending a Roundtable, including their biographies	I am familiar with Participants attending a Roundtable and I can properly engage them in discussion	AC 021	I have created a Series with associated Roundtables and there is at least 1 person registered into a Roundtable	I navigate to the Admin page and select the Series, I am presented with a list of associated Roundtables	I can select 'View registered Participants' to see all responses to the biographical questions by each Participant

SWEN900132021GN-25 - Getting issue details... STATUS	Calian (geny us Admin)	Send a text reminder leading up to a Roundtable	I am assured Participants will not forget to attend	AC 022	I have created a Series with associated Roundtables and there is at least 1 person registered into a Roundtable	I navigate to the Admin page and select the Series, I am presented with a list of associated Roundtables and I select a Roundtable and select 'Send text reminder to all Participants'	The Participants receive a text message reminder about the upcoming Roundtable
SWEN900132021GN-26 - Getting issue details... STATUS	Calian (geny us Admin)	Send an email reminder leading up to a Roundtable	I am assured Participants will not forget to attend	AC 023	I have created a Series with associated Roundtables and there is at least 1 person registered into a Roundtable	I navigate to the Admin page and select the Series, I am presented with a list of associated Roundtables and I select a Roundtable and select 'Send email reminder to all Participants'	The Participants receive an email reminder about the upcoming Roundtable
SWEN900132021GN-27 - Getting issue details... STATUS	Lucy (Partic ipant)	Receive a text reminder leading up to a Roundtable that I am registered in	I do not forget about an upcoming Roundtable	AC 024	I have already registered for a Roundtable	When the Roundtable is approaching	I receive a text message reminder with Roundtable details (date, time, location)
SWEN900132021GN-27 - Getting issue details... STATUS	Willia m (Pe er Leade r)	Receive a text reminder leading up to a Roundtable that I am registered in	I do not forget about an upcoming Roundtable	AC 024	I have already registered for a Roundtable	When the Roundtable is approaching	I receive a text message reminder with Roundtable details (date, time, location)
SWEN900132021GN-28 - Getting issue details... STATUS	Lucy (Partic ipant)	Receive an email reminder leading up to a Roundtable that I am registered in	I do not forget about an upcoming Roundtable	AC 025	I have already registered for a Roundtable	When the Roundtable is approaching	I receive an email reminder with Roundtable details (date, time, location)
SWEN900132021GN-28 - Getting issue details... STATUS	Willia m (Pe er Leade r)	Receive an email reminder leading up to a Roundtable that I am registered in	I do not forget about an upcoming Roundtable	AC 025	I have already registered for a Roundtable	When the Roundtable is approaching	I receive an email reminder with Roundtable details (date, time, location)
SWEN900132021GN-60 - Getting issue details... STATUS	Calian (geny us Admin)	Have a central repository to manage Roundtable recordings	I can upload recordings for Roundtables to Series landing pages	AC 026	I am an Administrator	I navigate to the Admin page	I have a central repository of Roundtable recordings in the system
SWEN900132021GN-59 - Getting issue details... STATUS	Calian (geny us Admin)	Have a central repository to manage Roundtable transcripts	I can upload transcripts for Roundtables to Series landing pages	AC 027	I am an Administrator	I navigate to the Admin page	I have a central repository of Roundtable transcripts in the system
SWEN900132021GN-29 - Getting issue details... STATUS	Calian (geny us Admin)	Upload recording to past Series landing pages	I can present these to the Research Partner	AC 028	A Roundtable has taken place	I navigate to the Admin page and select a Series, I select a Roundtable in the Series and select 'Upload recording'	The recording is uploaded to the Roundtable and viewable by authenticated users
SWEN900132021GN-44 - Getting issue details... STATUS	Calian (geny us Admin)	Upload transcript to past Series landing pages	I can present these to the Research Partner	AC 029	A Roundtable has taken place	I navigate to the Admin page and select a Series, I select a Roundtable in the Series and select 'Upload transcript'	The recording is uploaded to the Roundtable and viewable by authenticated users
SWEN900132021GN-30 - Getting issue details... STATUS	Calian (geny us Admin)	Create a questionnaire for the Roundtable Peer Leader to answer	I can present Roundtable outcomes to the client	AC 030	A Roundtable has taken place	I navigate to the Admin page and select a Series, I am presented with the Roundtables in that Series	I select a Roundtable and select 'Email Peer Leader'
SWEN900132021GN-31 - Getting issue details... STATUS	Willia m (Pe er Leade r)	Answer post-Roundtable questions	I can document what happened during the Roundtable	AC 031	A Roundtable has taken place	I receive an email with questions	I click the link in the email and answer the questions that were created by the Admin
SWEN900132021GN-45 - Getting issue details... STATUS	Willia m (Pe er Leade r)	Send post-Roundtable answers to genyus Admin	I can inform the genyus Admin what occurred during a Roundtable	AC 032	A Roundtable has taken place and I have answered the questions sent from the Admin	I send the responses back to the Admin	They are received by the Admin
SWEN900132021GN-32 - Getting issue details... STATUS	Calian (geny us Admin)	Create a landing page for a past Series	I can upload Roundtable recordings and notes	AC 033	A Roundtable has taken place	I navigate to the Admin page and select a Series	I click 'Create Series uploads page'
SWEN900132021GN-33 - Getting issue details... STATUS	Calian (geny us Admin)	Email all Series Participants	I can thank them for attending	AC 034	All Roundtables in a Series have taken place	I navigate to the Admin page and select a Series and I click 'Contact all Participants in the Series' in order to thank them for attending	All of the Participants of that Series receive the email
SWEN900132021GN-34 - Getting issue details... STATUS	Conne r (Res earch Partne r)	Access uploads (recordings, transcripts, etc), from all Roundtables in the Series	I can use the uploads as research	AC 035	A Roundtable has taken place	I navigate to the Admin page and select a Series and select to view uploads for a Roundtable	I am presented with the video recordings, transcripts, etc of that Roundtable

SWEN900132021GN-34 - Getting issue details... STATUS	William (Peer Leader)	Access uploads (recordings, transcripts, etc), from all Roundtables in the Series	I can use the uploads as research	AC 035	A Roundtable has taken place	I navigate to the Admin page and select a Series and select to view uploads for a Roundtable	I am presented with the video recordings, transcripts, etc of that Roundtable
SWEN900132021GN-34 - Getting issue details... STATUS	Calian (geny us Admin)	Access uploads (recordings, transcripts, etc), from all Roundtables in the Series	I can use the uploads as research	AC 035	A Roundtable has taken place	I navigate to the Admin page and select a Series and select to view uploads for a Roundtable	I am presented with the video recordings, transcripts, etc of that Roundtable
SWEN900132021GN-35 - Getting issue details... STATUS	Calian (geny us Admin)	Reward Participants with a Certificate of Attendance	Participants can use the certificate as evidence of work experience	AC 036	All Roundtables in a Series have taken place	I navigate to the Admin page and select a Series and select 'Email a Certificate of Attendance to all Participants'	All of the Participants of that Series receive a Certificate of Attendance
SWEN900132021GN-36 - Getting issue details... STATUS	Lucy (Participant)	Receive payment for completing a Series	I am rewarded for the time and effort that I spent participating in this Roundtable	AC 037	I have participated in a Roundtable	All Roundtables in a Series have taken place	I receive financial payment for my effort
SWEN900132021GN-36 - Getting issue details... STATUS	William (Peer Leader)	Receive payment for completing a Series	I am rewarded for the time and effort that I spent participating in this Roundtable	AC 037	I have participated in a Roundtable	All Roundtables in a Series have taken place	I receive financial payment for my effort
SWEN900132021GN-37 - Getting issue details... STATUS	Lucy (Participant)	Receive a certificate for completing a Series	I can display it as work experience	AC 038	I have participated in a Roundtable	All Roundtables in a Series have taken place	I receive a Certificate of Attendance for my effort
SWEN900132021GN-38 - Getting issue details... STATUS	Calian (geny us Admin)	Reward Participants, Peer Leaders with financial payment	Participants are fairly compensated	AC 039	All Roundtables in a Series have taken place	I navigate to the Admin page and select a Series and select 'Pay all Participants'	All of the Participants of that Series receive a payment
SWEN900132021GN-39 - Getting issue details... STATUS	Calian (geny us Admin)	Create a receipt of payment and certificate to Participants, Peer Leaders	I have an accurate record of which Participants have been paid	AC 040	All Roundtables in a Series have taken place and I have paid the Participants	I navigate to the Admin page and select a Series and select 'View payments to Participants'	I am presented with receipts of payments to all Participants (amount, date)
SWEN900132021GN-46 - Getting issue details... STATUS	Calian (geny us Admin)	Create a receipt of certificate to Participants	I have an accurate record of which Participants have been given a certificate	AC 041	All Roundtables in a Series have taken place and I have given certificates to the Participants	I navigate to the Admin page and select a Series and select 'View certificates sent to Participants'	I am presented with receipts of certificates sent to all Participants (date)

References

[1] <https://www.altexsoft.com/blog/business/acceptance-criteria-purposes-formats-and-best-practices/>

Design Concept

A design concept is the core ideas driving the design of the genyus Roundtable, communicated via the choice and justification of fonts, colours, technology stack, etc. The design concept conceptualises the goal of the product and becomes the foundation upon which the product is built.

Mood Board

This page documents design choices, including use of logos, colours, and accessibility aids, made by the team during development.

Table of Contents

- Logos
- Colour
- Font
- Syntax
- Accessibility Guidelines
- References

Logos

Logos	Type	Use
	Roundtable	
genyus Roundtable	Inline	
genyus Roundtable	Stacked	

Colour

During [2021-03-12 Client Meeting #2](#), Cal confirmed he would like to continue using the current branding colours of genyus Roundtable:

Colour	R	G	B	HEX

	2	136	179	#0287b3
	253	209	100	#fdd164

Font

Sample	Font
	<p>Work Sans</p> <p>To download (under a free license), click here.</p>

Syntax

In line with branding for the client, genyus Roundtable should be written as such (lowercase g, uppercase R).

The following words should be treated as proper nouns and be capitalised:

- Participant(s), Research Partner(s), Peer Leader(s), and Admin(s); and
- Series (plural: Series') and Roundtable(s)

Accessibility Guidelines

- ✓ Follow this exhaustive list of requirements: <https://www.w3.org/WAI/WCAG21/quickref/?versions=2.0>
- ✗ Do not use HTML deprecated tags: https://www.tutorialspoint.com/html/html_deprecated_tags.htm
- ✗ Do not embed text into images (e.g., like the meme images sometimes do) because screen readers cannot read the text.
 - ✓ Instead, use alt attributes, but better still put the image in the background using CSS and place normal, selectable text on top, or add an image to the page and use position: absolute with the text to place it on top of the image.
- ✓ Follow the Accessible Rich Internet Applications suite of web standards: <https://www.w3.org/WAI/standards-guidelines/aria/>
- ✓ Follow this guide: <https://www.accessibletrics.com/blog/how-to-use-aria-for-web-accessibility/>
- ✗ With forms, do not use autofocus.
- ✗ Do not use tabindex for navigation.
 - ✓ Instead, place the navigation/form elements in order and use CSS to place them in different positions.

References

[1] [SWEN90013_Alon's lecture.eml](#)

Wireframes

Wireframe of genyus Roundtable have been created to demonstrate the interface elements of key pages and to aid the interaction design process.

Table of Contents

- Client Feedback
- Version 2 Wireframes
 - Landing Pages Overview
 - Landing Pages Break down
- Version 1 Wireframes
 - Landing Pages Overview
 - Landing Pages Break down
 - Admin Pages Overview
 - Admin Pages Break down
- References

Client Feedback

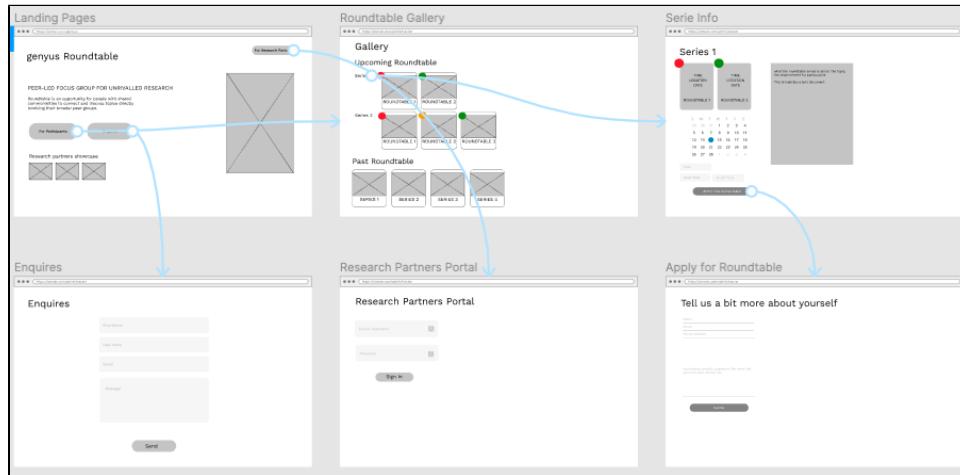
Version 1 wireframes were presented to Cal during [2021-04-15 Client Meeting #4](#). The feedback from Cal has been captured below and was reflected in Version 2 of the wireframes and will be reflected in the [Digital Prototype](#).

Wireframe	Feedback
Creating a Series Workflow	<ul style="list-style-type: none">• Page should have a drop-down to select Research Partners (for those that already exist in the system).• Should be a + symbol in order to quickly add Research Partners who don't already exist in the system.• Add topic field above description• Example of current questionnaire form Participants fill out after registering: http://genyusnetwork.com/a-bit-about-you-pp5/
genyus Admin Pages	<ul style="list-style-type: none">• System should track status of certificate (not sent, sent).• When Admin is thanking a Participant via email after a Series, they should at this point request whether the Participant wants to receive a gift card or money. The Participants replies with choice of gift card or bank details. Admin then actions this.
Landing Pages	<ul style="list-style-type: none">• Have current Roundtables above past Roundtables.• Traffic light system of Roundtables: current (green), closed (red). Green = current Series, Orange = current but at capacity, Red = past Series.

Version 2 Wireframes

Landing Pages Overview

PC Wireframes

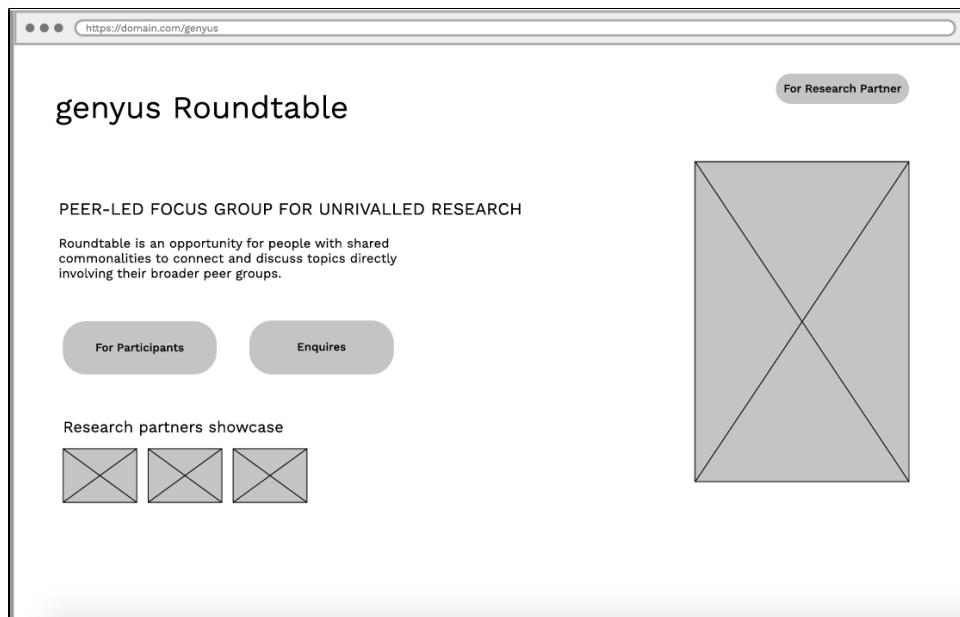


Landing Pages Breakdown

PC Wireframes

Home Landing Page

This is the landing page of the genyus Roundtable system.



Roundtable Gallery Page

This is a page displaying all current and prior Roundtables'.

<https://domain.com/admin/tracker>

Gallery

Upcoming Roundtable

Series 1

ROUNDTABLE 1 ROUNDTABLE 2

Series 2

ROUNDTABLE 1 ROUNDTABLE 2 ROUNDTABLE 3

Past Roundtable

SERIES 1 SERIES 2 SERIES 3 SERIES 4

Series Landing Page

This is the landing page of a Series.

<https://domain.com/admin/tracker>

Series 1

what the roundtable series is about, the topic, the requirements for participants.
This is basically a text document

TIME LOCATION DATE
ROUNDTABLE 1

TIME LOCATION DATE
ROUNDTABLE 2

S	M	T	W	T	F	S
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	1	2	3	4

Date Start Time Finish Time

APPLY FOR ROUNDTABLE

Participants Apply for a Roundtable

This is a register page for participants associated to a Roundtable.

Tell us a bit more about yourself

Name _____
Email _____
Phone Number _____

Roundtable specific questions like when did you have your stroke, etc

Submit

Enquires Page

This is the page visitors of the website can use to contact genyus Admin.

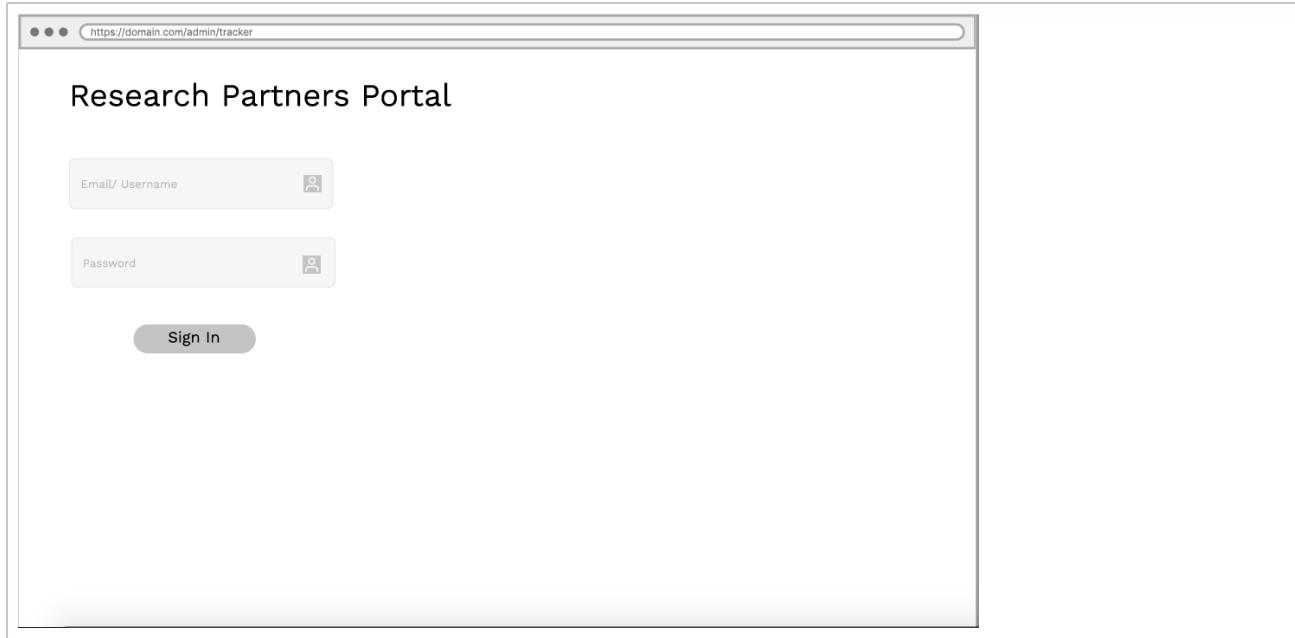
Enquires

First Name _____
Last Name _____
Email _____
Message _____

Send

Research Partners Portal

This is an authentication page for Research Partners associated to a Series.



Version 1 Wireframes

Landing Pages Overview

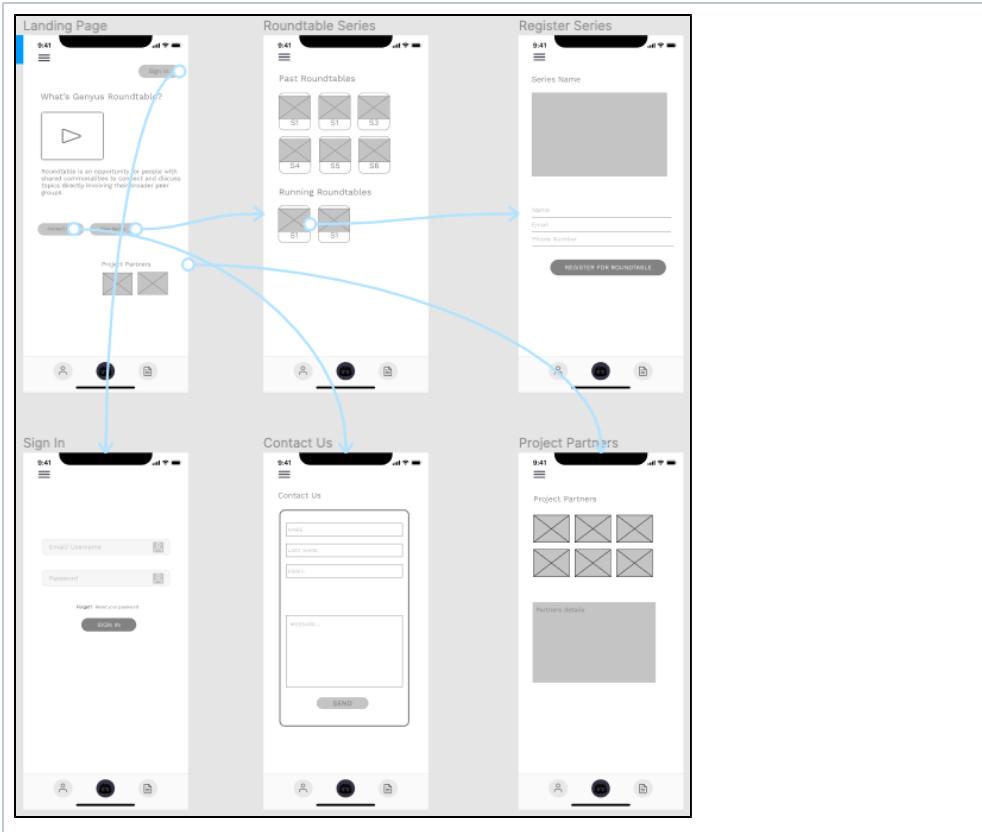
PC Wireframes

The PC Wireframes section contains five wireframe prototypes:

- Landing Pages**: Shows the 'Genyus Roundtable' with a brief description and a 'Project Partners' section.
- Series**: Shows a 'Gallery' with 'Active Roundtable' and 'Past Roundtable' sections, each containing several square icons labeled 'SERIE 1', 'SERIE 2', etc.
- Serie Info**: Shows a detailed view of a series with a 'Gallery' and a 'More details...' button.
- Contact Us**: A form page with fields for 'Name', 'Email', and 'Message'.
- Sign In**: A simple login form with 'Email' and 'Password' fields and a 'Sign In' button.

Blue arrows indicate the flow of navigation between these pages: from the landing page to the series gallery, from the series gallery to the serie info detail, and from the contact us page to the sign in page.

Mobile Wireframes



Landing Pages Breakdown

PC Wireframes

Home Landing Page

This is the landing page of the genyus Roundtable system.

https://domain.com/genyus

Genyus Roundtable

Sign In

PEER-LED FOCUS GROUP FOR UNRIVALLED RESEARCH

Roundtable is an opportunity for people with shared commonalities to connect and discuss topics directly involving their broader peer groups.

Contact Us View Roundtable

Project Partners



A large gray square with a large black 'X' through it, centered on the page.

Series Gallery Page

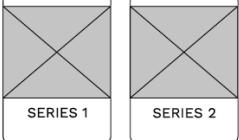
This is a page displaying all current and prior Series'.

https://domain.com/admin/tracker

Gallery

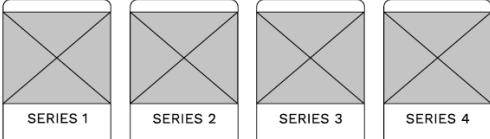
Sign In

Active Roundtable



SERIES 1 SERIES 2

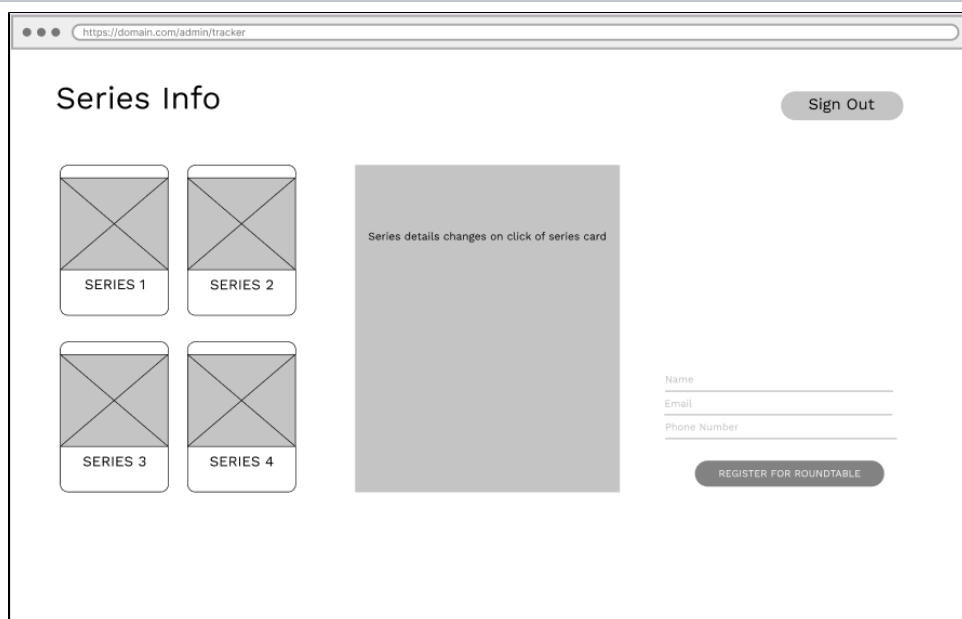
Past Roundtable



SERIES 1 SERIES 2 SERIES 3 SERIES 4

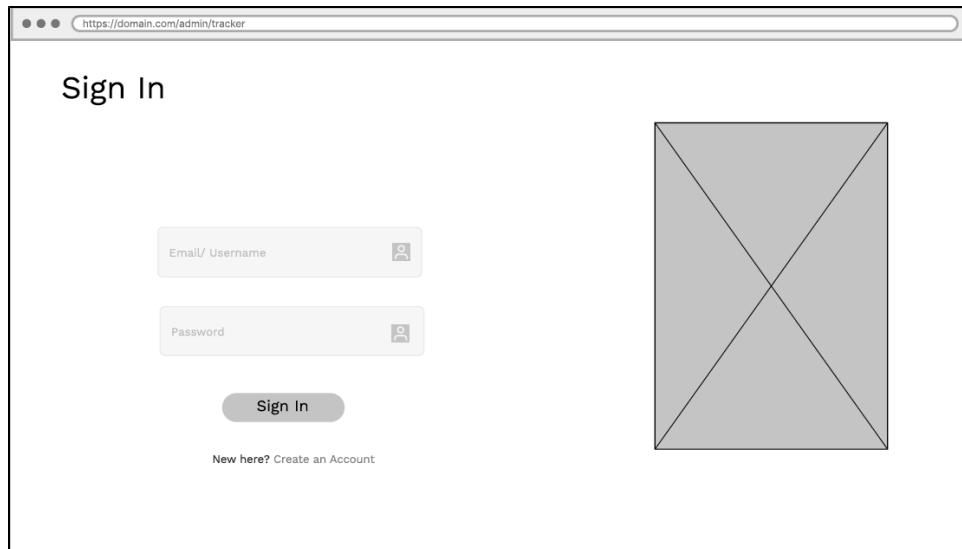
Series Landing Page

This is the landing page of a Series.



Sign In

Authentication page for users.



Contact Us Page

This is the page visitors of the website can use to contact genyus Admin.

https://domain.com/admin/tracker

Contact Us

Sign Out

First Name:

Last Name:

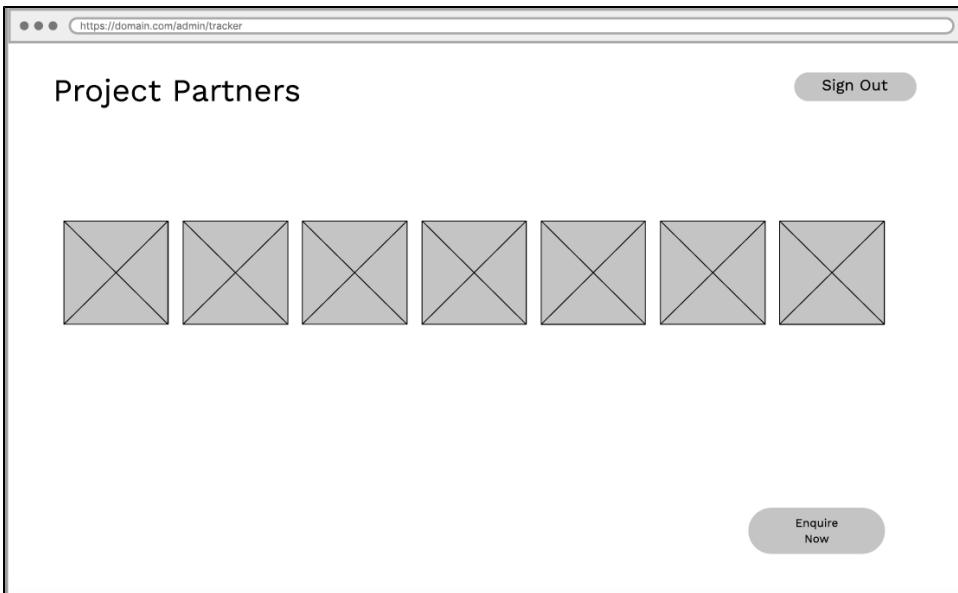
Email:

Message:

Send

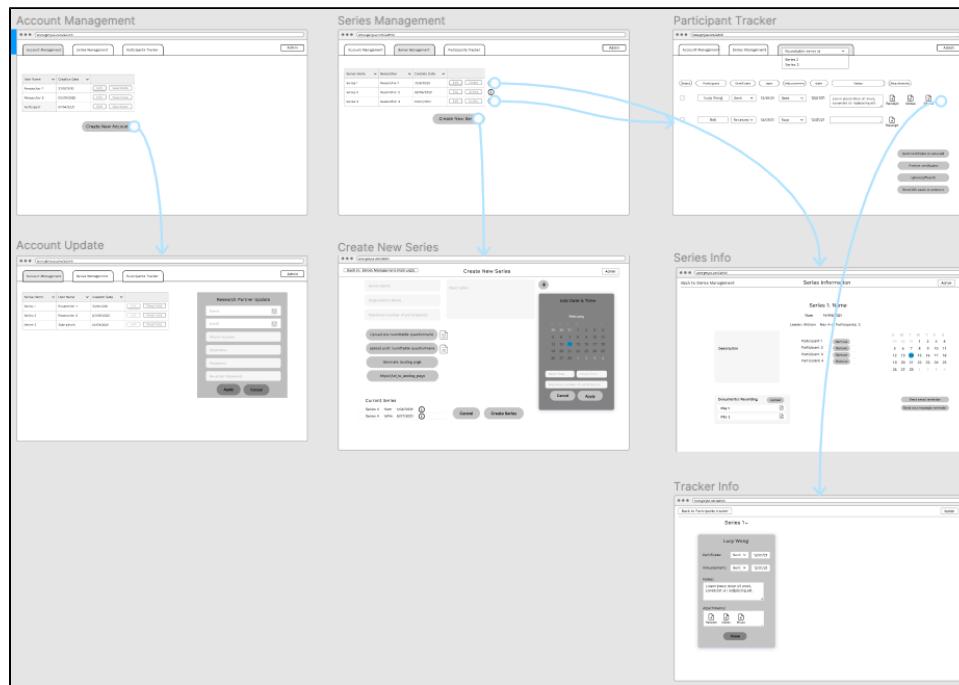
Research Partners

This is a landing page displaying the Research Partner associated to a Series.

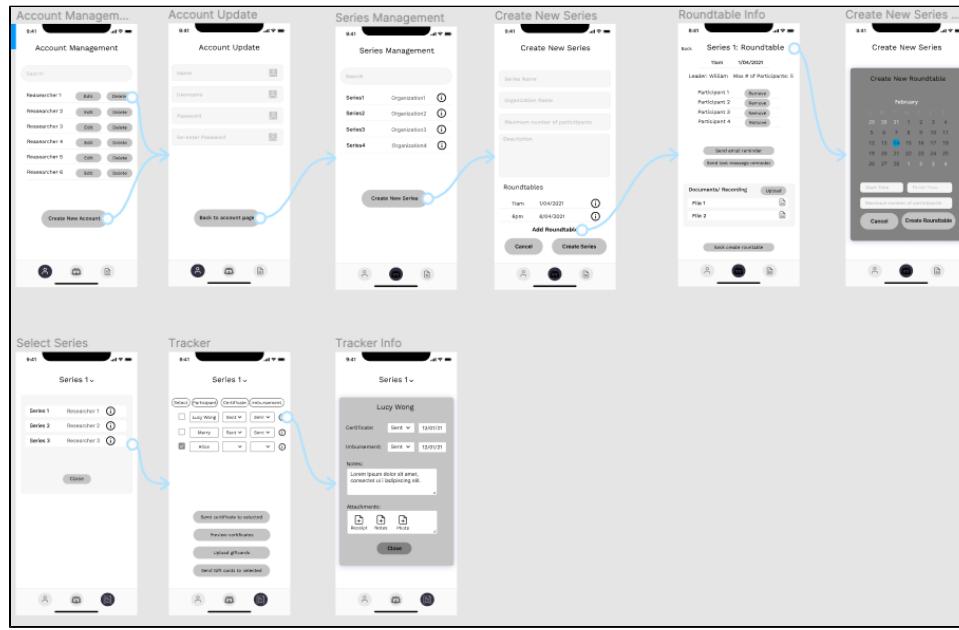


Admin Pages Overview

PC Wireframes



Mobile Wireframes



Admin Pages Breakdown

PC Wireframes

Account Management

This is the landing page for genyus Admin to manage registered users of the system.

Mobile Wireframes

www.genyus.com/admin

Account Management Series Management Participants Tracker Admin

User Name	Creation Date	
Researcher 1	23/8/2020	<button>Edit</button> <button>Deactivate</button>
Researcher 2	02/09/2020	<button>Edit</button> <button>Deactivate</button>
Participant	01/04/2021	<button>Edit</button> <button>Deactivate</button>

Create New Account

9:41

Account Management

Search

Reasearcher 1	<button>Edit</button>	<button>Delete</button>
Reasearcher 2	<button>Edit</button>	<button>Delete</button>
Reasearcher 3	<button>Edit</button>	<button>Delete</button>
Reasearcher 4	<button>Edit</button>	<button>Delete</button>
Reasearcher 5	<button>Edit</button>	<button>Delete</button>
Reasearcher 6	<button>Edit</button>	<button>Delete</button>

Create New Account

Profile icon Crown icon Document icon

Edit Account

Once you click on an individual user, this page will permit the genyus Admin to make changes to a user account.

www.genyus.com/admin

Account Management Series Management Participants Tracker Admin

Series Name	User Name	Creation Date	
Series 1	Researcher 1	23/8/2020	<button>Edit</button> <button>Deactivate</button>
Series 2	Researcher 2	02/09/2020	<button>Edit</button> <button>Deactivate</button>
Series 3	Side admin	01/04/2021	<button>Edit</button> <button>Deactivate</button>

Research Partner Update

Name

Email

Phone Number

Username

Password

Re-enter Password

Apply Cancel

9:41

Account Update

Name

Username

Password

Re-enter Password

Back to account page

Profile icon Crown icon Document icon

Series Management

This is a page to view all Series' and provides all Series Management options.

www.genyus.com/admin

Account Management Series Management Participants Tracker Admin

Series Name	Researcher	Creation Date	
Series 1	Researcher 1	23/8/2020	<button>Edit</button> <button>Delete</button>
Series 2	Researcher 2	02/09/2020	<button>Edit</button> <button>Delete</button>
Series 3	Researcher 3	01/04/2021	<button>Edit</button> <button>Delete</button>

Create New Series

9:41

Series Management

Search

Series1	Organization1	
Series2	Organization2	
Series3	Organization3	
Series4	Organization4	

Create New Series

Create a New Series

This is a page for genyus Admin to create a new Series.

Back to Series Management main page

Create New Series

Admin

Series Name	Description
Organization Name	
Maximum number of participants	

https://url_to_landing_page

Current Series

Series X 11am 1/04/2021	
Series X 16Pm 9/07/2021	

Create Series

Add Date & Time

February

S	M	T	W	T	F	S
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	1	2	3	4

Start Time

9:41

Create New Series

Series Name
Organization Name
Maximum number of participants
Description

Roundtables

11am 1/04/2021	
6pm 8/04/2021	

Add Roundtable

Create Series

Update Series

This is a page for genyus Admin to edit existing Series'

[www.genyus.com/admin](#)

Series Information

Back to Series Management

Series 1: Name
11am 14/04/2021

Leader: William Max # of Participants: 5

Description

Participant 1	Remove
Participant 2	Remove
Participant 3	Remove
Participant 4	Remove

S	M	T	W	T	F	S
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	1	2	3	4

Documents/ Recording [Upload](#)

File 1 [Download](#)
File 2 [Download](#)

[Send email reminder](#) [Send text message reminder](#)

9:41 Back **Series 1: Roundtable**

11am 14/04/2021

Leader: William Max # of Participants: 5

Participant 1	Remove
Participant 2	Remove
Participant 3	Remove
Participant 4	Remove

[Send email reminder](#) [Send text message reminder](#)

Documents/ Recording [Upload](#)

File 1 [Download](#)
File 2 [Download](#)

[Back create roundtable](#)

Participants Tracker

This provides genyus Admin the ability to view all registered Participants for a Series.

[www.genyus.com/admin](#)

Account Management Series Management **Roundtable series id** [Admin](#)

Series 2
Series 3

[Select](#) [Participant](#) [Certificate](#) [date](#) [Imbursement](#) [date](#) [Notes](#) [Attachments](#)

Lucy Wong Sent 12/01/21 Sent 12/01/21 [Receipt](#) [Notes](#) [Photo](#)

Bob Received 12/01/21 Sent 12/01/21 [Receipt](#)

[Send certificate to selected](#) [Preview certificates](#) [Upload giftcards](#) [Send Gift cards to selected](#)

9:41 **Series 2**

[Select](#) [Participant](#) [Certificate](#) [Imbursement](#)

<input type="checkbox"/> Lucy Wong	Sent	Sent	i
<input type="checkbox"/> Merry	Sent	Sent	i
<input checked="" type="checkbox"/> Alex			i

[Send certificate to selected](#) [Preview certificates](#) [Upload giftcards](#) [Send Gift cards to selected](#)

Participants Information

This page provides an overview of Participants participation in a Series.

The wireframe displays two views of a participant's information. On the left, a desktop browser window shows a modal dialog for 'Lucy Wong' with fields for Certificate (Sent 12/01/21) and Imbursement (Sent 12/01/21). It includes a Notes section with placeholder text and an Attachments section with Receipt, Notes, and Photo options. A 'Close' button is at the bottom. On the right, a mobile phone screen shows the same information in a simplified format, including the notes and attachments sections. At the bottom of the mobile screen are three circular icons: a profile icon, a crown icon, and a document icon.

References

- [1] <https://www.figma.com/file/RXH3qmDo2VWAyvZP7JuJ7m/Wireframes?node-id=380%3A3715>

Digital Prototype

A Digital Prototype has been created for the genyus Roundtable system in order to demonstrate and confirm User Stories with the client.

Table of Contents

- Client Feedback
- Version 2 Digital Prototype
- Version 1 Digital Prototype
- References

Client Feedback

Version 1 Digital Prototype was presented to Cal during [2021-05-07 Client Meeting #5](#). The feedback from Cal has been captured below and will be reflected in the ultimate design of the system.

Prototype	Feedback
Landing page	<ul style="list-style-type: none">• Should remove the big Cal's picture on the landing page (too attracting and no point to put it on landing page).• Should show more research information regarding to the researcher partners and peer leaders, also the benefits of the research. How an organisation collecting data from the research.• This page should provide more description about the roundtables.• Put the "What is roundtable" video on the left hand side of the page.• The "For research partner" button should not be in the middle of the page.• The showcase of research partner what they can do.• Change "Enquiry" button to "Enquire", more like an action to perform.• "Register for roundtable" for participant is irrelevant on this page, should be removed. This page is more for research.• Login on the top right, feel more like a platform.
Landing Enquiry page	<ul style="list-style-type: none">• No submitting "form" feeling on this page. Not sure what and where to fill in information.
Admin page	<ul style="list-style-type: none">• The "cancel" button feels like cancel an account instead of closing the account creation.• Admin should be able to cancel / delete (Hide) an account without deleting its data.• Admin should be able to search and sort ability of all accounts
Participant series landing page	<ul style="list-style-type: none">• Should have a description about the research above the series.• genyus logo should be top-left.• Titles and excerpt should be provided clearly in this page above roundtables.• There should have short cut read more to lead user to more specific detail information of the roundtable.• 56:22 After user read thought details and want to register in Roundtable, it should leads user to Calendly integrated page to register for roundtable.• For tracker, should also be able to check the progress of the payment, certificate (Tick box is better than dropdown).
Additional Feedback	<ul style="list-style-type: none">• For research partner, different department within one research organisation should have separate accounts (Privacy issue).• Participant will not be able to register randomly or find the link of register roundtable, they can only register with the link shared by the research partner or relevant peers.

Version 2 Digital Prototype

- Version 2 Digital Prototype has been updated by the suggestions from Clients in some features.
- Version 2 Digital Prototype was presented to SWEN90013's professors and peers on Semester 1 presentation in week 11, Monday 17 May, 2021.

1. Research partner reach out to genyus Roundtable	
1.1 Research partner view landing page  SWEN900132021GN-9 	1.2 Research partner send enquiry to admin  SWEN900132021GN-9 

genyus Roundtable

An online peer-led focus group for unrivalled research

Roundtable is an opportunity for people with shared commonalities to connect and discuss topics directly involving their broader peer groups.

Enquiry

More about genyus Roundtable ...

- genyus Roundtable is an opportunity for people with shared commonalities to connect and discuss research which directly involves their broader peer groups.
- These bespoke focus groups can discuss questions which are co-designed by (but not guided by) the research group, to enhance the lived experience of the focus group and their peers.
- genyus Roundtable is hosted by a Peer with Lived Experience.
- Peer Groups (people with shared commonalities) benefit from participating by building confidence, developing skills and connecting with others who have similar experiences.
- Research and Health Organisations who are looking to better support their constituents also benefit from the process of conducting a Roundtable by collecting non-biased research.

"We have never get this sort of research if we did it on our own."
— Professor Natasha Lannin (PhD, BSc, GCIS, FADTA, FOTARA)

Enquiries

Full name: Connor Whitworth
Nickname: Connor
Email: connorw@unimelb.edu.au

I am Connor, I hope you are doing well
I am Connor, I have decades of experience working in the health services industry and has developed a deep knowledge of chronic diseases and other traumatic health conditions.
I would like to consult the genyus network team about the research

Submit

2. Admin create account and series

2.1 Admin create account for research partner



Account Management

Account Overview

Username	Access Level
admin	Administrator
youngstroke	Research Partner
latrobe	Research Partner
unimelb	Research Partner
william	Peer Leader

Account Details

Username: connorw
Password: *****
Organization: University of Melbourne
Access Level: Peer Leader
Administrator
Peer Leader
Research Partner
Email: connorw@unimelb.edu.au
Phone: 3786 893 676
Logo:
Profile photo:

2.2 Admin create new series and upload series's description



Roundtables Management

Creating a new series

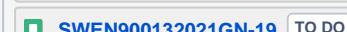
Series Name: Young Stroke Recovery
Topic: Young Stroke Recovery
Description: How can we meet your needs as a young stroke survivor?
Organisation: Monash University
University of Melbourne
Monash University
Young Stroke Project
Schedule series via Calendly
Calendly Roundtable Meeting
Cyber Scam Study
Support Crew
Cyber Scam Study
Young Stroke Recovery

3. Participant apply for a roundtable

3.1 Participant view a specific roundtable



3.2 Participant apply for a roundtable



4. Research partner/ Peer leader access Roundtable's recordings

4.1 Research partner sign in to the portal



4.2 Research partner access to download roundtable



Version 1 Digital Prototype

- Version 1 Digital Prototype has been designed for demonstration all of system functionalities based on current User Stories.
- Version 1 Digital Prototype was presented to Caleb during [2021-05-07 Client Meeting #5](#).

Epic 1: Manage an Account

1.1 Research partner reach outs landing page



1.2 Research partner sends enquiry to admin



1.4 Admin creates an account for a Peer Leader, Research Partner or genyus Admin SWEN900132021GN-10 IN PROGRESS

1.5 Admin deactivate/activate an account for a Peer Leader, Research Partner or genyus Admin SWEN900132021GN-128 TO DO

Epic 2: Create a Series

2.1 Admin creates new series and uploads the series description and graphics SWEN900132021GN-11 TO DO

SWEN900132021GN-12 IN PROGRESS

2.2 Admin integrates a calendar with a Series

SWEN900132021GN-42 TO DO

SWEN900132021GN-13 TO DO

Creating a new series

Series Name: Young Stroke Recovery

Topic: Young Stroke Recovery

Details: How can we meet your needs as a young stroke survivor?

Organization: Monash University

Schedule series via Calendly:

- Calendly Roundtable Meeting
- Cyber Scam Study

Preview Video: UPLOAD

Preview Photo: UPLOAD

GO BACK **DONE**

Editing a Series

Series Name: Young Stroke Recovery

Topic: Young Stroke Recovery

Details: How can we meet your needs as a young stroke survivor?

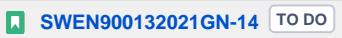
Organization: Young Stroke Foundation

Edit Meeting on Calendly:

Go to Landing Page

Update Landing Page

2.4 Admin creates a list of questions for a Series for the Participant to answer prior to registering for a Roundtable.



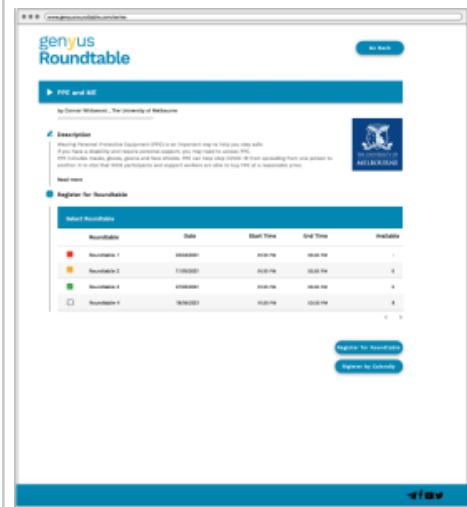
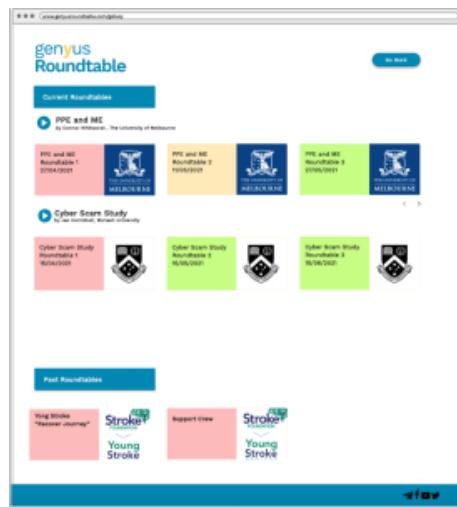
2.5 Admin create a 'consent to be recorded during a Roundtable' that must be ticked by all Participants who wish to register for a Roundtable.



Epic 3: Register for a Roundtable

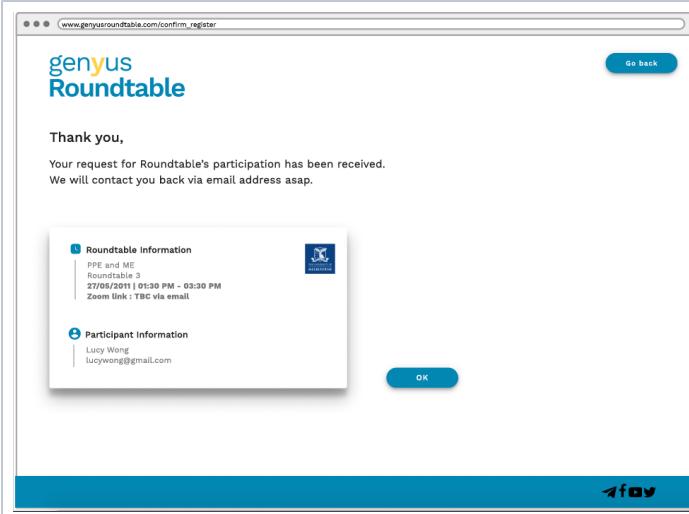
3.1 Participant view all Roundtables

3.2 Participant views a specific roundtable and register for a Roundtable choosing a date and time on landing page



3.4 Confirmation for register for a Roundtable





Epic 4: Manage an Approaching Roundtable

4.1 Admin sends a confirmation email upon registration to Participants with a calendar invite and video conference link

SWEN900132021GN-22 TO DO

4.2 Admin sends a confirmation text upon registration to Participants with calendar invite and video conference link

SWEN900132021GN-23 TO DO

4.4 Admin and peer leader view participant's biography.

SWEN900132021GN-24 TO DO

4.5 Admin send an email/text reminder leading up to a Roundtable for a Leader, and participants.

SWEN900132021GN-25 TO DO

SWEN900132021GN-26 TO DO

SWEN900132021GN-27 TO DO

SWEN900132021GN-29 TO DO

www.genius.com/tracker

Tracker Management

Young Stroke Recovery

Lucy Wong [edit](#)

Young Stroke Recovery [edit](#)
Roundtable 2
2021-02-30 | 10:30 am - 12:30 pm
lucywong@gmail.com
0419 777 8888

Brief Story [edit](#)
Lucy is a primary school teacher who suffered a stroke when she was in her early thirties, and is still impacted. She sometimes experiences memory/physical impairment, but doesn't let it stop her from getting things done.

Update Certificate Status [Send](#) Update Payment Status [On processing](#)

Certificate [UPLOAD](#) [RECEIPT](#)

Note: She would like to get an hard copy certificate as well.

UPDATE

Deploy to use the features of Calendly**

Epic 5: Manage a Recent Roundtable

5.1 Admin have a central repository to manage Roundtable recordings

- SWEN900132021GN-59 DONE
- SWEN900132021GN-60 DONE

5.2 Admin uploads recordings for Roundtables to Series landing pages.

- SWEN900132021GN-29 TO DO
- SWEN900132021GN-44 TO DO

www.genius.com/admin

Roundtables Management

Young Stroke Recovery [GO BACK](#)

Roundtables	Begin Date	End Date	Attachment	Actions
Roundtable 1	2021-02-28 14:00	2021-02-28 16:00	Transcript Note Video	Upload
Roundtable 2	2021-03-01 14:00	2021-03-01 16:00	Transcript Note Video	Upload
Roundtable 3	2021-03-05 14:00	2021-03-05 16:00	Transcript Note Video	Upload

[Download all of the selected](#)

Young Stroke Recovery

Roundtable 1

Transcript ✓ **Recording**

Note **66.66%**

Drag and drop here or browse

DONE

Epic 6: Manage a Recent Series

6.1 Admin creates a landing page for a past Series

- SWEN900132021GN-32 TO DO

6.2 Research partner, peer leader access uploads (recordings, transcripts etc), from all Roundtables in the Series

- SWEN900132021GN-34 TO DO

6.4 Admin rewards Participants with a Certificate of Attendance



6.5 Admin rewards Participants, Peer Leaders with financial payment



TBC.

References

- [1] <https://www.figma.com/file/0ynWdjNmnFIEtKz5uYp8T/digital-prototype?node-id=465%3A3612>

Design Notebook

Suitability to Project	
+	Suitable
-	Unsuitable
i	Point of info

Component	Motivation	Chosen Technology	Justification	Alternatives
Web Frontend	The system should have a front-end for users.	NextJS + React	<ul style="list-style-type: none"> + React was voted by the team as the most well-known and most want-to-learn front-end framework. + React is widely used within the industry. + NextJS Provides static page generation at build time. + NextJS Allows for rebuilding of static pages on content change (supports client modifications to pages). - JSX learning curve for newcomers - NextJS learning curve - NextJS environment variables can be fiddly (build vs. runtime) 	<p>Vue</p> <ul style="list-style-type: none"> - Team members are not familiar <p>Angular</p> <ul style="list-style-type: none"> - Unstable - Team members are not familiar
Components /Styling	The system should make use of components that are accessible, customisable, and adhere to design choices.	Component Library Material UI	<ul style="list-style-type: none"> + Premade, accessible components make it incredibly easy to get up and running + Will do a lot of the heavy lifting for things such as spacing, contrast, button animations etc. - Things are very easy...to a point. Sometimes customisations and edge cases can be very difficult to fit in. 	<p>CSS in JS (eg. styled-components)</p> <ul style="list-style-type: none"> + Provides more granular control than a set of premade components + Able to place raw CSS in the same file as a React component + Valuable learning experience - CSS properties have a steep learning curve - A lot more work to make something that looks and feels 'nice' <p>CSS</p> <ul style="list-style-type: none"> - CSS files are unwieldy, large and unmaintainable - Most of the industry is moving away from raw CSS, SCSS etc.
Backend		Strapi	<ul style="list-style-type: none"> + Fast setup + Authentication and user management baked-in + Compatible with NextJS authentication + Open Source - Alpha state carries project risk, has not gone through the wringer - Database migrations have to be managed manually in production (feature scheduled for Q3 2021) 	<p>Custom backend in Rust, TypeScript, Other.</p> <p>Other Headless CMSs like Netlify, Webiny</p> <p>Java Spring Framework</p>

Database	The system should be able to persist data.	MongoDB	<ul style="list-style-type: none"> + Flexibility, MQL queries, horizontal scaling + Team vote + Free tier available on MongoDB Atlas will be enough for our use case + Integrated and supported by Strapi - Backup/restore functionality takes a bit more work than MySQL / mariadb, can't dump data as plaintext for auditing as easily, but binary dumps well supported 	<p>AWS - DynamoDB</p> <ul style="list-style-type: none"> - Not open-source - Not free <p>Postgres</p> <ul style="list-style-type: none"> - The need to write SQL would require more development effort. <p>MariaDB</p> <ul style="list-style-type: none"> - The need to write SQL would require more development effort.
Cloud Provider	The system should make use of a Platform as a Service (PaaS) to deploy, manage, and scale genyus Roundtable.	Vercel (front end)	<p>Vercel (Frontend)</p> <ul style="list-style-type: none"> + Creator of NextJS makes it simple to host + Easy CI/CD + Free - Free tier only supports one user (so we would need one account that we share to access the pipeline) - Meant to only be for hobby usage 	<p>AWS</p> <ul style="list-style-type: none"> + Voted as a technology that students want to learn + Multiple deployment options (serverless / container/ VM) - Not free - Can lead to much hair-pulling (frustrating)
		Heroku (backend)	<ul style="list-style-type: none"> + Small dynos are free - Serverless means warm-up time if our api hasn't been hit recently <i>Info</i> Incremental Static Regeneration (NextJS) means a few seconds of wait time won't be an issue if this is used for our backend (previous version of page will be served) 	<p>Azure</p> <ul style="list-style-type: none"> + Free tier is larger than AWS - Not as widely used as AWS
Containerisation		Docker	<ul style="list-style-type: none"> + Docker is the market leader + Familiarity amongst the team as several team members have worked with it before + Docker has not had any direct competition up until recently - the alternatives would be interesting to learn, but carry a project risk as the team is unfamiliar 	Docker is the market leader; it is highly tested; and the team has prior experience with it.
Version Control	To manage changes, the team will make use of a version control tool.	GitHub	<ul style="list-style-type: none"> + Team vote unanimous + More integration options outside of Atlassian + GitHub Actions looks like a fairly easy way to set up a pipeline - Less integration with the Atlassian suite 	<p>Bitbucket</p> <ul style="list-style-type: none"> + Integration with other Atlassian products - Less integration with other products outside of Atlassian
Issue Tracking (Inception Sprint)	To manage issue tracking, the team will make use of an issue tracking tool.	Trello	<ul style="list-style-type: none"> + Trello was chosen for the Inception Sprint as it is quick and easy to set up. + It allows the team to start asap on project work. <i>Info</i> Issue tracking for future sprints will not make use of Trello. It was only used during sprint 1 as it was quicker to set-up. 	<p>GitHub Projects</p> <ul style="list-style-type: none"> - Does not integrate as well with Confluence. - Team members were not familiar with it.
Issue Tracking (Sprints 1-4)		JIRA	<ul style="list-style-type: none"> + JIRA is complementary to Confluence. + In comparison to alternatives, it has more sophisticated graphing capabilities (i.e. burndown charts). + Well-designed and customisable workflow. 	
Wiki / Documentation	Documenting requirements during development is extremely important as it allows proper handover to the client.	Confluence	 Mandated by subject.	
CI/CD Server	In order to automate deployment, the team will make use of a CI/CD server.	GitHub Actions	<ul style="list-style-type: none"> + Free + Integrates well with GitHub + Team members are familiar 	<p>Jenkins</p> <ul style="list-style-type: none"> + Open source - Team members are not familiar

Design Proposal

Integrate Google Workspace + Calendly with the New genyus Roundtable

We are proposing integrating the services of Calendly and Google Workspace into the genyus Roundtable system. We believe both will bring significant benefit to your workflow, especially allowing the automation of tasks that are currently manual and time-consuming.

This proposal was sent to the client and he approved. It is viewable in [Client Communications](#).

Table of Contents

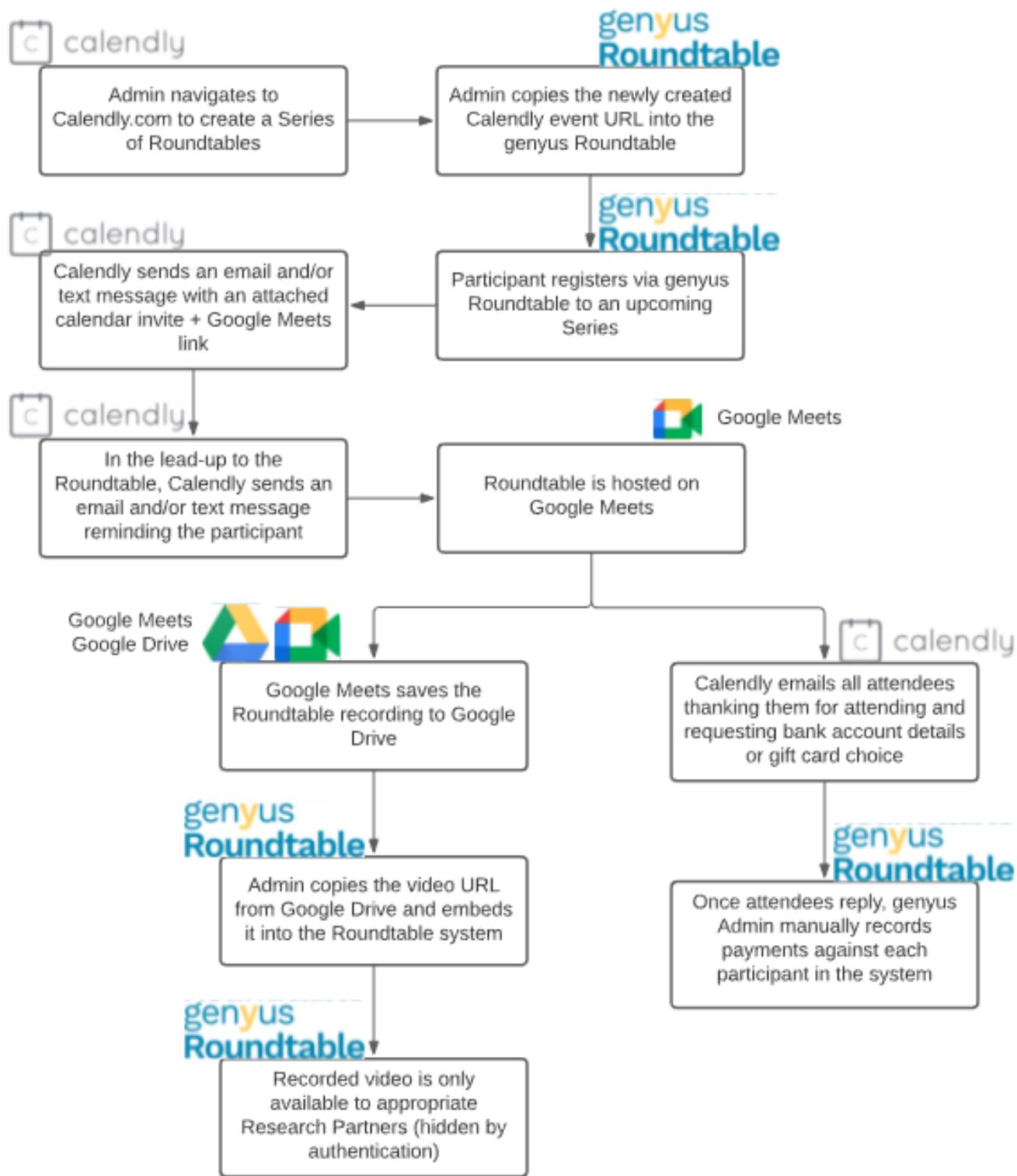
- Offered Features
- New Process Proposed
 - Costs
- Alternatives Considered
 - Continue Using Calendly + Zoom + Vimeo
 - Free Alternatives
- Appendix
 - Calendly Pricing
 - Google Workspace Pricing
- References

Offered Features

Service	Features
Calendly	<p>You are already quite familiar with Calendly, so this is purely re-hashing and also expanding on the ways you currently use it.</p> <p>Calendly will:</p> <ul style="list-style-type: none">• Act as the Contact Relationship Manager (CRM) for genyus Roundtable.• Create events with a Google Meets link (<i>this will be a manual process for the Admin who will be required to navigate to the Calendly website to create events</i>).• Collect email addresses and mobile phone numbers of registered participants.• Send Roundtable invites via email and or text message with a calendar invite.• Automate sending registered participants a reminder email and/or text message for an approaching Roundtable.• Automate sending thank you emails to Roundtable participants and collect their preferred payment method.• Calendly would send an automated email to all participants after a Roundtable thanking the participant for attending.• It would also request payment method: cash or gift card.• Participants would reply with their gift card preference or bank details for Admin to action.
Google Meets	<p>Google Meets is being proposed to replace Zoom.</p> <p>Google Meets has a number of features that will automate your workflow, it will:</p> <ul style="list-style-type: none">• Record meetings directly to Google Drive (saving Admin from having to manually download the recording from Zoom then re-upload it to the website).• Caption audio during a meeting (allowing anyone who requires captioning to participate in a Roundtable).• These captions will be saved and can be viewed with the recording once saved to Google Drive. <p><i>Note:</i> Participants are not required to have a Google account to participate in a Google Meets but they must have an invite.</p>
Google Drive	<p>Google Drive is being proposed to replace Vimeo.</p> <p>Google Drive will allow for better integration into the website, it will:</p> <ul style="list-style-type: none">• Store all recorded meetings from Google Meets automatically.• Store transcripts (<i>this will remain a manual process unless you choose to use Google Meets caption feature which can capture spoken words with good accuracy</i>).• Permit upload of recordings and transcripts to the genyus website via a simple URL.• Allow us to hide recorded Roundtables and transcripts behind authentication on the genyus website. <p><i>Note:</i> At ~300MB per 1 hour Roundtable recording, Google Drive could store roughly 6,000 recordings.</p>

New Process Proposed

The new process we are proposing for creating and managing a Series for the redesigned website is as follows:



Costs

Please see appendix for links to pricing plans.

Service	Plan	Cost /admin/month	Replaces	Cost /admin/month					
Calendly	Pro	~AU\$16*		*Billed as US\$12					
Google Drive	Business Standard	\$16.80	Vimeo	~AU\$9*					
Google Meets			Zoom	\$17.50					
Total Cost	Proposed Plan		Current Plan						
	\$32.80 /admin/month		\$42.50 /admin/month						
If we have captured your plan details correctly, this would result in a saving of \$10 /admin/month .									
If we have any details of your current plans incorrectly listed, please let us know and we can re-calculate costs.									

Alternatives Considered

The team believes both the costs and time-savings are great for this proposal. However, if you wish to go in another direction, we have compiled a number of alternatives for your consideration.

Continue Using Calendly + Zoom + Vimeo

As you currently have both Zoom and Vimeo, we could continue using these two services. The current manual process of downloading and re-uploading Roundtable recordings would continue unfortunately. You would also lose the ability to provide captions during Roundtables and in recorded videos.

Free Alternatives

Event Scheduling

For event scheduling, there are unfortunately not many free alternatives.

Google Calendar is free and could be used – however, there would be a number of features lost. Google Calendar:

- Cannot send calendar invites via text message.
- Cannot send reminder emails and/or text messages for upcoming Roundtables.
- Cannot send automatic emails to attendees after a Roundtable requesting preferred payment option.

Video Conferencing

Google Hangouts is free, however, loses a number of features in comparison to its paid sibling, Google Meets. Google Hangouts:

- Cannot host calls for more than 25 attendees.
- Cannot provide captions during video calls nor for recorded Roundtables.
- Cannot record to storage.

For a deep-dive into the differences, please have a read over this guide: <https://zapier.com/blog/google-meet-vs-hangouts/>

Video Storage

Dropbox and Google Drive are both free alternatives. Google Drive comes with 15GB of free storage (enough for approximately 15 Roundtable recordings) while Dropbox comes with 2GB of free storage (enough for approximately 6 Roundtable recordings).

You would also lose the ability to automatically upload from video conferencing to either storage solution. The manual process of upload would continue.

Appendix

Calendly Pricing

<https://calendly.com/pricing>

Google Workspace Pricing

https://workspace.google.com/intl/en_au/pricing.html

References

- [1] [genyus Roundtable proposal.docx](#)
- [2] https://lucid.app/lucidchart/invitations/accept/inv_204d70c2-5cd5-48bf-96d4-f890015c3c75?viewport_loc=-166%2C-17%2C2143%2C1436%2C0_0

4+1 Architecture View

4+1 is a view model used for describing the architecture of software-intensive systems, based on the use of multiple, concurrent views. The views are used to describe the system from the viewpoint of different stakeholders, such as end-users, developers, system engineers, and project managers. 4+1 architecture view is used to ensure all aspects of the system are well-understood by the development team (and any new joiners).

The 4+1 architectural view has four significant representations:

View	Description
Logical View (WIP)	Shows the significant elements of the project for the adopted architecture and the relationship between them. Between the main elements are modules, components, packages, and the application main classes.
Process View	Shows the concurrency and synchronisation aspects of the system, mapping the elements of the logical view to processes, threads, and execution tasks.
Development /Implementation View (WIP)	Focuses on aspects relating to the organisation of the system's source code, architectural patterns used, and orientations and the norms for the system's development.
Physical View (WIP)	Shows the hardware involved and the mapping of the software elements to the hardware elements in the system's environment.
Scenarios/Use Cases View (WIP)	Shows a subset of the architecturally significant use cases of the system.

Logical View (WIP)



This page is under construction and will be finalised once the system is built.

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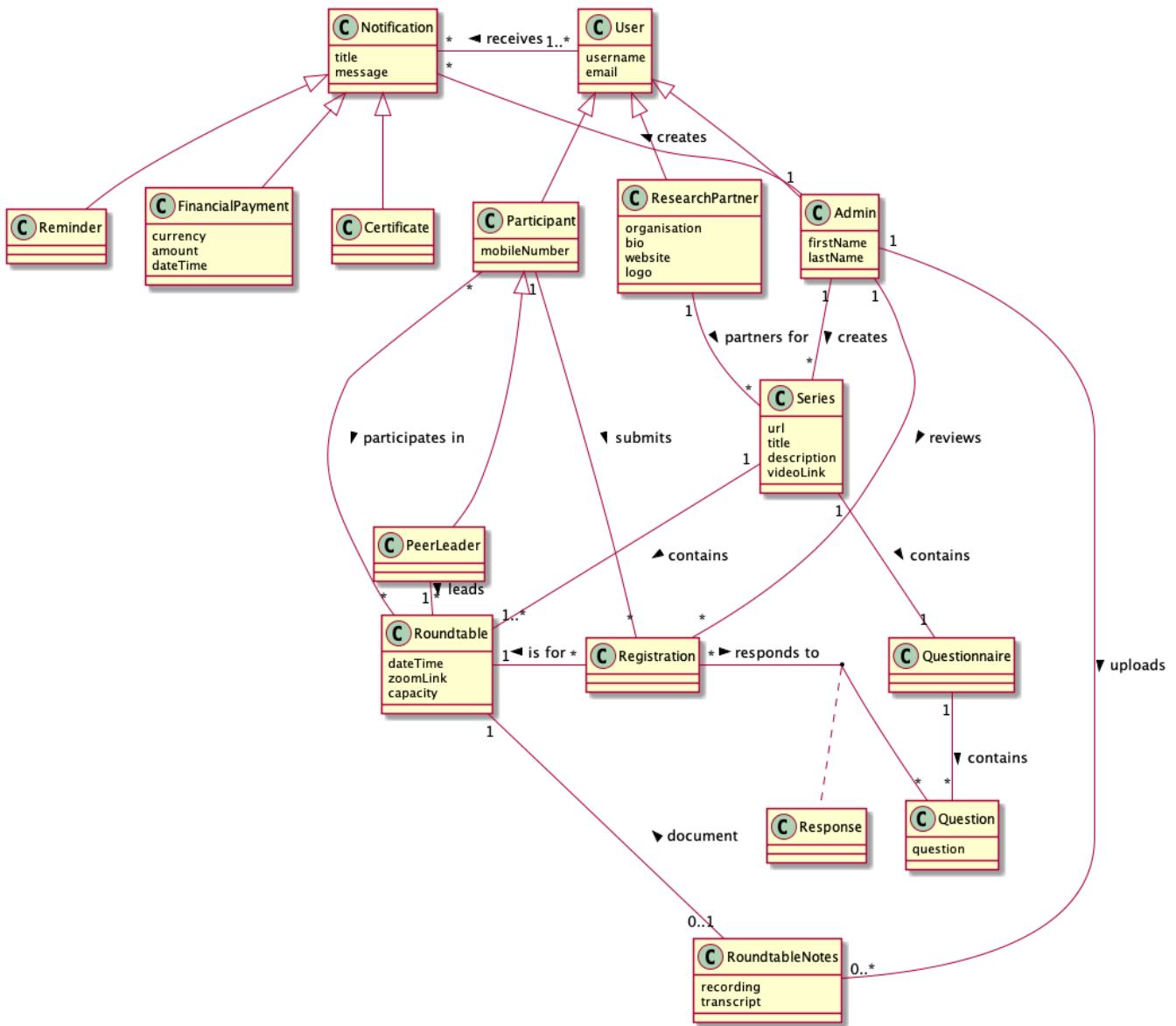
- [Domain Model](#)
[1]
- [References](#)

Domain Model[1]

genyus Roundtable can be decomposed into entities, attributes, and business rules as per the [Requirements](#):

- A **User** of the system is either an **Admin**, **Participant**, **Peer Leader** or **Research Partner**
 - Admin and Peer Leader accounts contain first name, last name, email, and password
 - Research Partner accounts contain organisation name, email, password, website, biography, logo
- A **Series** contains one or many **Roundtables**
- A Series contains: title, description, video link, and **Research Partner**
- A Series has one Research Partner
- A Roundtable *belongs to one Series*
- A Roundtable contains: time and date, capacity, zoom link, associated Peer Leader, and questionnaire
- A Peer Leader *leads one or many Roundtables*
- A Participant *attends one or many Roundtables*
- To register for a Roundtable, Participants fill out a **Questionnaire**.
- A Questionnaire contains: one consent for recording and one or many **Questions**
- A Roundtable **Response** contains: time and date and questionnaire responses
- **Roundtable Notes** contains: transcript and recording
- A **Notification** is either a **Reminder**, **Financial Payment** or **Certificate**
- A Notification is sent from Admins and contains: title and message

Classes are **bolded**, attributes are underlined, and business rules are *italicised*.



References

[1] [domainModel.puml](#)

Development/Implementation View (WIP)

To fully implement all required functionality of the genyus Roundtable, architectural considerations must be taken into account during development, as well as integration with external services.

This page details architectural goals and constraints, as well as integration.



This page is under construction and will be finalised once integration is complete.

Table of Contents

- Architectural Goals and Constraints
- Reuse Plan
 - Google Drive API
 - Google Docs API
 - Calendly API
- System Diagram[1]
- References

Architectural Goals and Constraints

This is a detailed list of the requirements that have an impact on the system's architecture and the treatment given to each:

Requirement	Treatment	Impact
Security	genyus Admin, Research Participants, and Peer Leaders must be able to collect and/or access sensitive health data of Participants.	The system should authenticate users before permitting them access to sensitive data.
Confidentiality	The system will store extremely sensitive health data of users and so must guarantee confidentiality of information stored in the system.	The system should use secure methods of storing information.
Secure Pipe	The system will store extremely sensitive health data of users and so must guarantee confidentiality of information stored in the system.	The system should encrypt data being sent to/from the system. This will be handled using Heroku and Vercel's HTTPS implementation.
Data Persistence	The system should persist data, for example the creation of Series', Roundtables, registrations, etc.	The system must make use of a database to persist data.
Extensibility	In order to allow the genyus Roundtable to continue to grow and develop, the system under development must support this growth.	The domain model pattern is being used to support future extensibility, as any new features or requirements will only require amendment to existing or creation of new objects in the domain.
Portability	genyus Roundtable must be feature complete on both desktop and mobile devices.	The system should make use of a technology stack that is portable between desktops and mobile devices.
Accessibility	Given the primary users of the system are trauma survivors, particular attention will have to be paid to the user interface to ensure it is accessible.	The system should make use of alt-text, screen readers, adjustments to contrast, etc. as necessary to provide for access.
Concurrency	The system must support multiple concurrent users.	The system's server architecture should handle concurrent use. This will be handled by Heroku and Vercel's architecture.
Authentication	The system must implement authentication to guard sensitive health data.	The system should prompt users for log in details before allowing access to data. This will be handled by NextAuth.
Session Control	The system must handle session control to properly implement authentication.	The system through the use of cookies should permit storing session data on a user's computer. This will be handled by NextAuth.

Reuse Plan

In order to meet the architectural requirements of the genyus Roundtable system, a number of components will be reused. The choice to reuse has been made as these components are widely available and thoroughly tested.

Component	Development Approach	Choice	Justification

Conference call	Reuse	Google Meets	<ul style="list-style-type: none"> Client wishes to use Google Workspace. Google Meets integrates well with cloud storage and sharing.
Cloud storage	Reuse	Google Drive	<ul style="list-style-type: none"> Client wishes to use Google Workspace. Google Drive integrates well with conference call application.
Event scheduling	Reuse	Calendly	<ul style="list-style-type: none"> Client wishes to use Google Workspace. It covers the full functionality required for event scheduling.
Document storage	Reuse	Google Docs	<ul style="list-style-type: none"> Client wishes to use Google Workspace. It integrates well with other Google applications.

Google Drive API

<https://developers.google.com/drive>

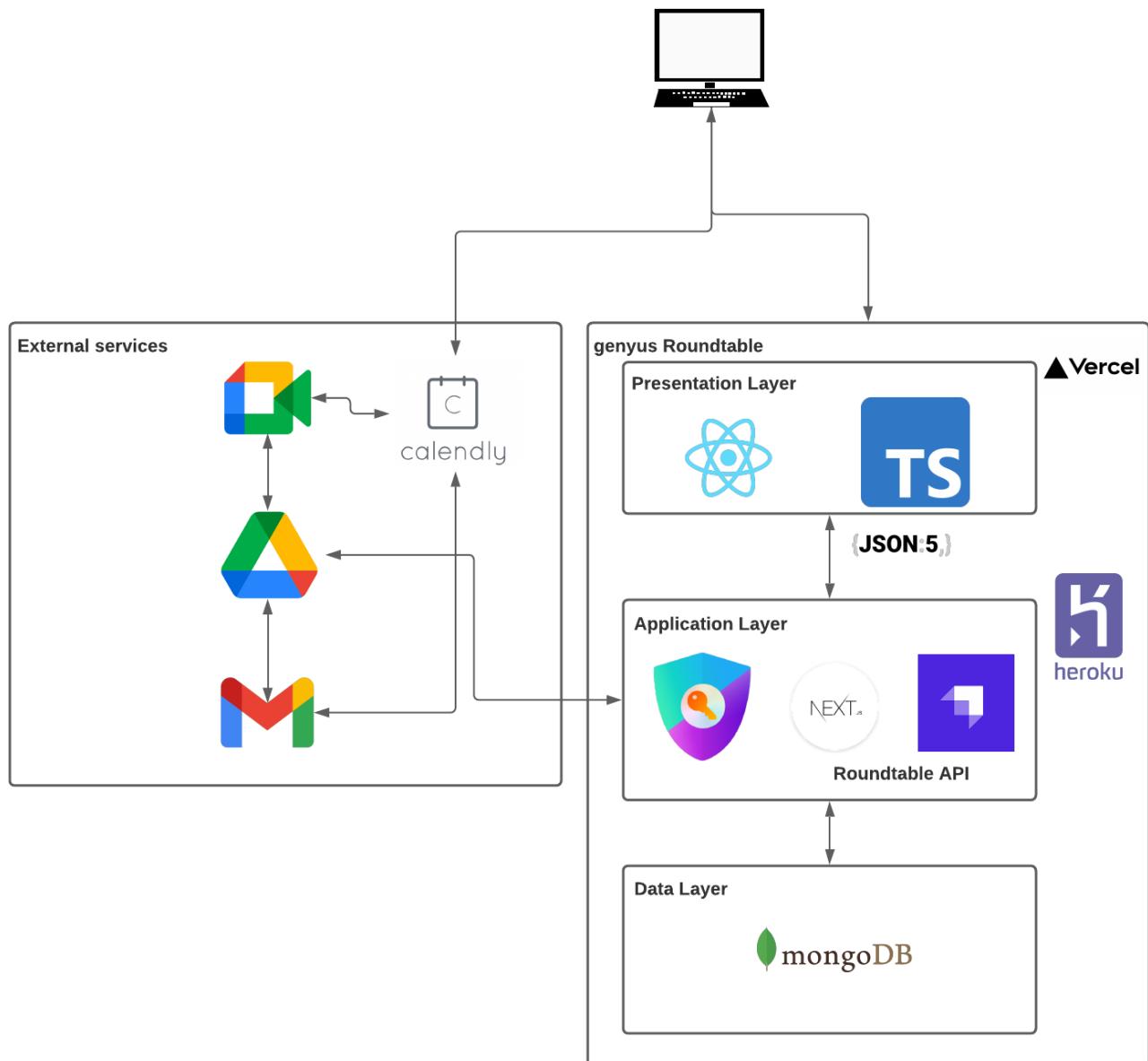
Google Docs API

<https://developers.google.com/docs>

Calendly API

<https://developer.calendly.com>

System Diagram[1]



References

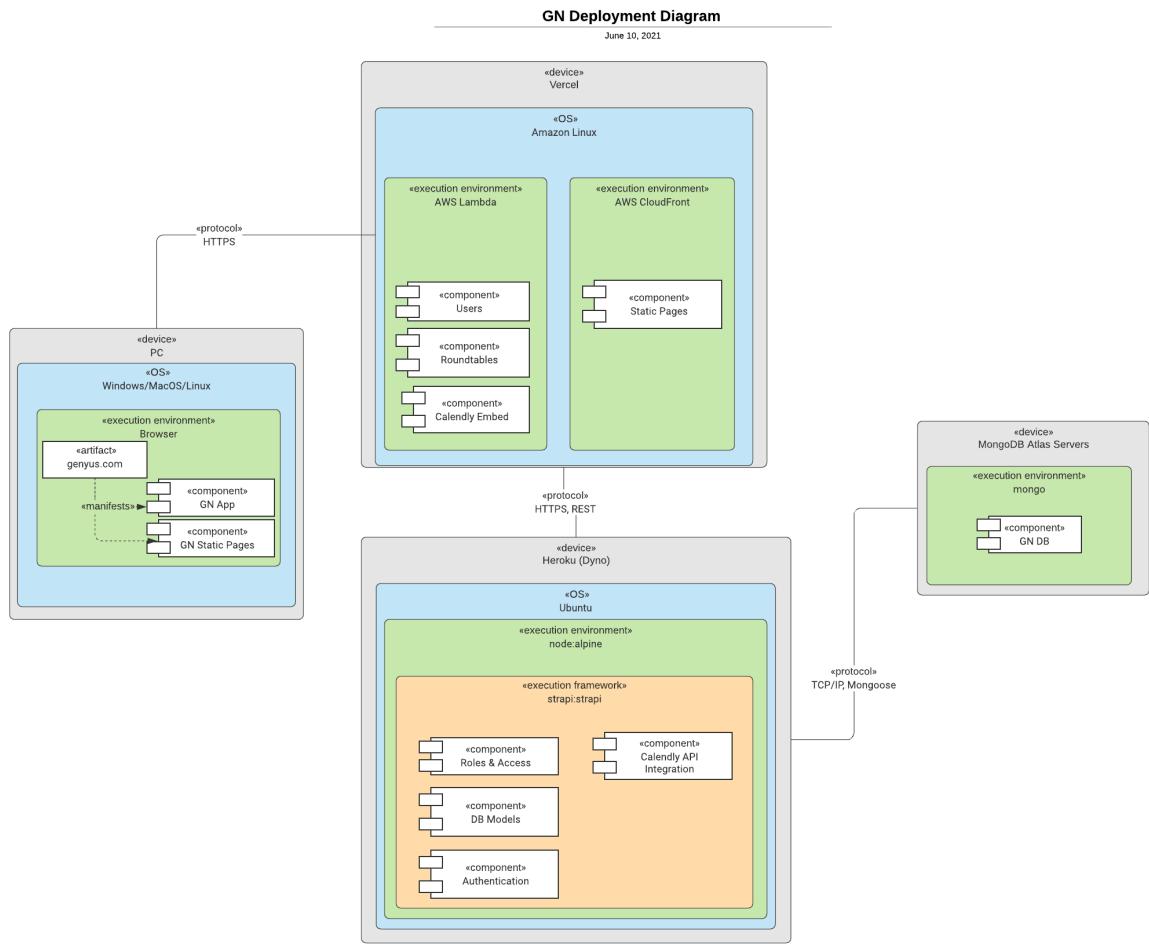
- [1] https://lucid.app/lucidchart/invitations/accept/inv_acba3fd2-b957-4a28-b0a1-60591cd27f43?viewport_loc=-538%2C-554%2C3995%2C2677%2C0_0

Physical View (WIP)

Table of Contents

- Deployment Diagram[1]
- References

Deployment Diagram[1]



References

[1] https://lucid.app/lucidchart/invitations/accept/inv_7e0a99dc-263c-41a8-8a26-9dbea8d2bab7?viewport_loc=-1051%2C368%2C3793%2C1733%2CSD~btuP.wggj

Scenarios/Use Cases View (WIP)

This page illustrates a number of use cases that have been selected as scenarios that show an architecturally significant viewpoint of the system.



This page is under construction while

- Use cases are currently in draft-form; and
- Sequence diagrams will be created once integration with external services is finalised.

Table of Contents

- Use Cases
 - UC00 Known Exception
 - UC01 User Logs Into Account
 - UC03 User Create s a Series
 - UC04 User Registr ers for a Round table
 - UC05 User Uploa ds Round table Recor ding
 - UC06 User Acces ses Round table Recor ding
- Use Cases Diagram[1]
- References

Use Cases

UC00 Known Exception

Brief Description: This use case describes the system's exception handling

Primary Actors: Any user of the system

Stakeholders and Interests:

- genyus Admin wants the exception to be logged to take corrective action

Level: Summary

Pre-Conditions: None

Minimal Guarantees: System logs the exception and all activities

Success Guarantees: None

Trigger: An exception is raised by the system

Main Success Scenario:

1. The system identifies one of the following problems:
 - a. No Connection with the Frontend Server (SF01)
 - b. No Connection with the Backend Server (SF02)

- c. Security Exception (SF03)
 - d. Out of Memory Exception (SF04)
 - e. Missing Resource Exception (SF05)
 - f. Invalid Content Exception (SF06)
2. The system performs the respective Sub Flow

Sub Flows:

SF01 No Connection with the Frontend Server

SF02 No Connection with the Backend Server

SF03 Security Exception

SF04 Out of Memory Exception

SF05 Missing Resource Exception

SF06 Invalid Content Exception

Post-Conditions: None

UC01 User Logs Into Account

Brief Description: This use case describes the authentication process

Primary Actors:

- genyus Admin
- Research Partner
- Peer Leader

Stakeholders and Interests:

- All primary actors want to be authenticated
- All primary actors want access granted to correct authorisation level

Level: User goal

Pre-Conditions:

- User exists in the system (UC02)
- User is not already authenticated

Minimal Guarantees: System logs all activities

Success Guarantees: User logs into account and is granted correct authorisation

Trigger: User selects operations explicitly using the web interface

Main Success Scenario:

1. User clicks 'Login' button from any page on the genyus Roundtable
2. System presents log-in page
3. User enters email/username and password
4. System authenticates user (AF001)
5. System presents account overview page to user

Alternative Flows:

AF001 Incorrect credentials

1. System presents an error to the user explaining the credentials were incorrect
2. User enters email/username and password
3. Flow continues from Main Success Scenario step 4

Post-Conditions: User is logged into the system

Sequence Diagram:

UC02 User Creates an Account

Brief Description: This use case describes the account creation process

Primary Actors: genyus Admin

Stakeholders and Interests:

- genyus Admin wants administrative access granted to genyus Roundtable
- Peer Leader wants access to resources of the Roundtables they have participated in
- Research Partner wants access to resources of the Series' they have paid for

Level: User goal

Pre-Conditions:

- genyus Admin exists in the system

Minimal Guarantees: System logs all activities

Success Guarantees: User account is created in the system

Trigger: User selects operations explicitly using the web interface

Main Events Flow:

1. User is on the administration page
2. User selects to create a new:
 - a. genyus Admin user (SF01)
 - b. Research Partner user (SF02)
 - c. Peer Leader user (SF03)
3. The system creates the new user account
4. The system emails log-in details to the new user

Sub Flows:

SF01 Create New genyus Admin User

1. User enters:
 - a. Full name
 - b. Email address
 - c. Temporary password
2. Flow continues from Main Success Scenario step 3

SF02 Create New Research Partner User

1. User enters:
 - a. Name of Research Partner organisation
 - b. Email address
 - c. Username
 - d. Password
 - e. Logo
 - f. Description
 - g. Website
2. Flow continues from Main Success Scenario step 3

SF03 Create New Peer Leader User

1. User enters:
 - a. Full name
 - b. Email address
 - c. Temporary password
2. Flow continues from Main Success Scenario step 3

Post-Conditions:

- New user account is created in the system
- System emails the user's account details to the email address in the account

Sequence Diagram:

UC03 User Creates a Series

Brief Description: This use case describes the Series creation process

Primary Actors: genyus Admin

Stakeholders and Interests:

- genyus Admin want an easy-to-use and good-looking Series landing page
- Participants want to be able to easily register for any Roundtable in a Series
- Peer Leaders want to view details and Participants of a Series
- Research Partners want the landing page to be publicly accessible to attract registrations

Level: User goal

Pre-Conditions:

- genyus Admin user account exists in the system (UC002)
- genyus Admin is authenticated (UC001)

Minimal Guarantees: System logs all activities

Success Guarantees: New Series is created in the system

Trigger: User selects operations explicitly using the web interface

Main Events Flow:

1. User is on the administration page
2. User selects 'Create New Series'
3. User enters:
 - a. Series name
 - b. Series description
 - c. Series marketing video
 - d. Research Partner associated to the Series
 - e. Research Partner logo
 - f. Research Partner description
 - g. Capacity of each Roundtable in the Series
 - h. Dates and times of Roundtables
 - i. Online video conference link for each Roundtable
4. User selects 'Save'
5. System creates the new Series
6. Series is now open for registrations

Alternative Flows:

Post-Conditions:

- New Series is created in the system

Sequence Diagram:

UC04 User Registers for a Roundtable

Brief Description: This use case describes the Roundtable registration process

Primary Actors: Participant

Stakeholders and Interests:

- Participants want to be able to easily register for any Roundtable in a Series
- genyus Admin wants to view all registered Participants in order to organise the Roundtable
- Peer Leader wants to view all Participant bios in order to properly manage the Roundtable

Level: User goal

Pre-Conditions: Series exists in the system (UC03)

Minimal Guarantees: System logs all activities

Success Guarantees: Participant is registered into the Roundtable

Trigger: User selects operations explicitly using the web interface

Main Events Flow:

1. User navigates to the Series landing page
2. User selects the date and time of the Roundtable they wish to register into (AF01)
3. User fills out the questionnaire and provides pre-registration details (AF02)
4. User selects 'Register for Roundtable'
5. System sends an email to the user with details on the Roundtable they just registered into, including a calendar invite with an online videoconference link

Alternative Flows:**AF01 Roundtable Has Reached Capacity**

1. System presents the user with an error message saying the Roundtable is full
2. System prohibits the user from registering

AF02 User Does Not Respond to All Questions

1. User skips filling out the questionnaire
2. User selects 'Register for Roundtable'
3. System presents the user with an error message saying the questionnaire is mandatory to fill out
4. Flow continues from Main Success Scenario step 3

Post-Conditions:

- Participant is registered into the Roundtable
- Participant questionnaire responses are stored in the system and visible by genyus Admin and Peer Leaders

Sequence Diagram:

UC05 User Uploads Roundtable Recording

Brief Description: This use case describes the Roundtable recording upload process

Primary Actors: genyus Admin

Stakeholders and Interests:

- genyus Admin wants to view all past Roundtable resources in the system
- Peer Leader wants access to resources of the Roundtables they have participated in
- Research Partner wants access to resources of the Series' they have paid for

Level: User goal

Pre-Conditions:

- genyus Admin is authenticated (UC01)
- Series exists in the system (UC03)

Minimal Guarantees: System logs all activities

Success Guarantees: Roundtable recording is uploaded to the Roundtable in the system

Trigger: User selects operations explicitly using the web interface

Main Events Flow:

1. User is on the administration page
2. User selects 'View all Series'
3. User selects a Roundtable
4. User selects 'Upload Recording'
5. System uploads the recording to that Roundtable
6. User navigates to the Series landing page
7. System displays the Roundtable recording

Alternative Flows:

Post-Conditions: Recording is uploaded to the Roundtable

Sequence Diagram:

UC06 User Accesses Roundtable Recording

Brief Description: This use case describes the process to access a Roundtable recording

Primary Actors:

- genyus Admin
- Peer Leader

- Research Partner

Stakeholders and Interests:

- genyus Admin wants only authenticated users who have participated or paid for the Roundtable to be able to access it
- genyus Admin wants a central page to display all recordings
- Peer Leader wants to view recordings of past Roundtables in order to fill out a post-Roundtable questionnaire
- Research Partners want a landing page to view all Roundtable recordings in a Series in order to continue their research

Level: User goal

Pre-Conditions:

- Series exists in the system (UC04)
- Roundtable recording has been uploaded (UC05)

Minimal Guarantees: System logs all activities

Success Guarantees: User views the Roundtable recording

Trigger: User selects operations explicitly using the web interface

Main Events Flow:

1. User selects 'View My Series'
2. User selects to view a Series
3. System presents all Roundtable recordings from the Series (AF01)
4. User selects a Roundtable recording
5. System presents the user with the ability to view the recording

Alternative Flows:

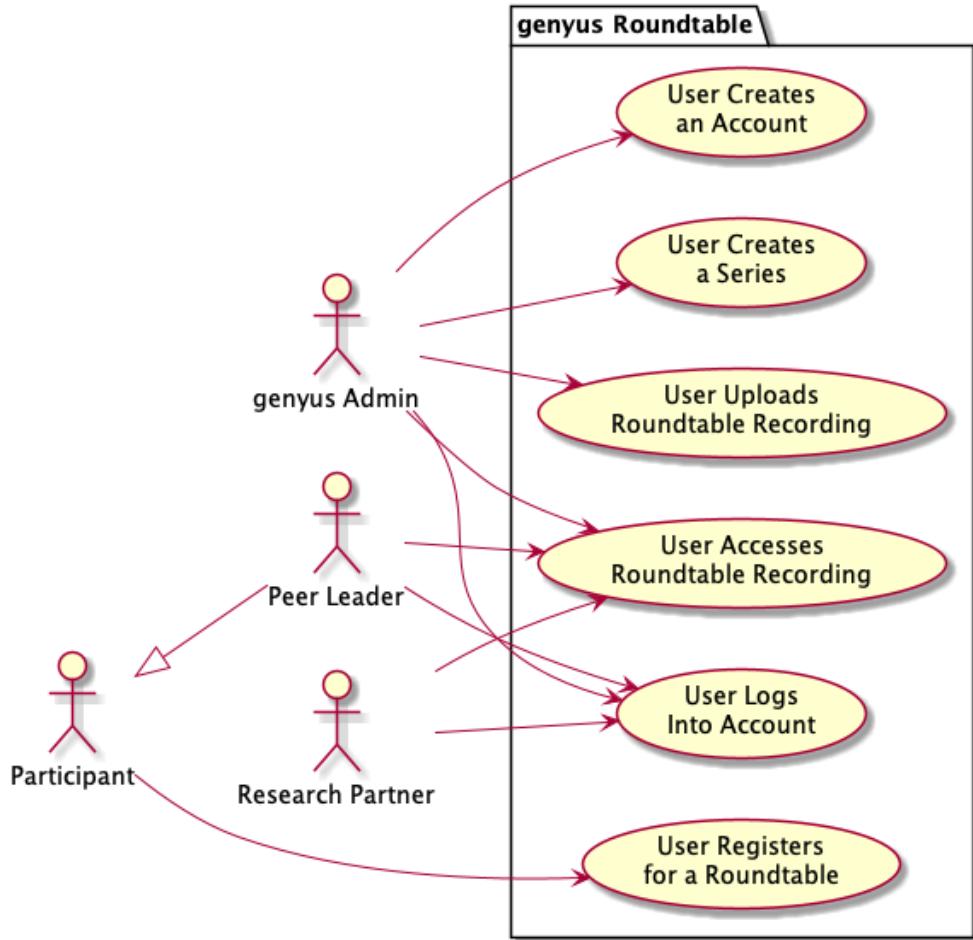
AF001 Roundtable Recording Does Not Exist

1. Go to UC00

Post-Conditions: None

Sequence Diagram:

Use Cases Diagram[1]



References

[1] [useCases.puml](#)

Testing and Quality Assurance

Software testing is a process within software development in which business-critical software is verified for correctness, quality, and performance. Software testing is used to ensure that expected systems and product features behave correctly as expected.

This page lays out the testing strategy used by the genyus Roundtable project.

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Quality Assurance

Task Workflow

To Do

At the beginning of each of our three week sprints, we take a number of user stories and uncompleted tasks and add them to the new sprint. These new tasks start with nobody assigned to them, and are marked as 'to do'. Tasks in this stage have a description of what needs to be done, a priority rating, and a size estimation of how much effort the team thinks this task will take compared to other tasks.

In Progress

When a team member is looking for tasks, they can take a task from 'to do', assign it to themselves and move it to 'in progress', and then begin working on completing the task.

Review

Once the person working on a task has completed the task, they may move it to 'review'. The person assigned to the task should also add a comment on JIRA describing what they want the reviewer to check. For more information on our review process, and alternative methods of review, please see our [Coding Reviews](#) page.

Done

Once a review has been completed, a task can be moved to 'done'. This means that the description of the task has been completed and that the resulting code or documentation has satisfied and passed our review criteria.

Testing

Testing Strategy

Scope of Testing

All components listed as in scope should be tested while those that are out of scope have been excluded from requiring testing

Component	Justification	In Scope?
Strapi (content management system)	Strapi has been used as the content management system (CMS) for genyus Roundtable. It is assumed that all unit testing of Strapi has been completed by the developers. Strapi is an open-source and widely-used CMS and so testing is well-covered.	✗
mongoDB (data persistence)	Strapi utilises mongoDB as its database and as such, integration testing between Strapi and mongoDB is assumed to be well-covered by its developers and the open-source community.	✗

Testing Process

Testing should first be done by developers when implementing a feature, and developers should aim to think about their code and any potential bugs that might exist within their code as well as if the code complies with the other types of testing required, such as front-end developers making sure that their additions meet our accessibility testing criteria.

Next, people who review the code should check that the additions made by the new feature comply with our testing guidelines, and that there are sufficient test cases in the committed code to catch most bugs or issues that would cause the new feature not to work as intended. Additionally, at the end of each sprint once all features for the sprint are completed team members should aim to go through the features added as part of the sprint on the website to check for any bugs or issues with the new features.

Creating Test Cases

We will be using the Cypress test framework for ensuring that our test cases pass when adding new features.

To open Cypress, run the following command from the /next/ directory:

Run Cypress

```
yarn run cypress
```

Cypress will look for test cases within the /cypress/integration/ directory. To create a new test case, simply add a new file by following the guidelines for [creating a test case](#) in the Cypress documentation.

An example template test case can be found below as a starting point for writing test cases:

Cypress Test Template

```
/// <reference types="cypress" />

describe('My Test Suite', () => {
  it('My Test Case', () => {
    // Test goes here
  });
});
```

Testing Automation

Automated testing is a key component of continuous integration and continuous delivery and it is a great way to scale the Quality Assurance (QA) process as new features are added to the system. The project team will make use of a continuous integration server to automate testing - the server will monitor the repositories and execute the test suite whenever new changes are pushed to the main repository.

To run the set of automated tests for the front-end, run the following command from the /next/ directory:

Run Tests

```
yarn test
```

References

[1] <https://www.atlassian.com/continuous-delivery/software-testing/types-of-software-testing>

[2] <https://github.com/google/eng-practices/blob/master/review/index.md>

Coding Standards

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- [References](#)

When working as a team, it is crucial to set rules and guidelines that each member on the development team must follow to ensure that the product is reliable and consistently maintained. In order to write well-structured and clean code, developers need to get aligned with the standards and conventions used in their teams. This eases the understanding of the code for any developers who gets on the codebase.[1]

Agreed coding standards cover:

- Naming conventions of packages, classes, methods, etc.;
- File and folder naming and organisation;
- Formatting and Indentation;
- Commenting and documenting;
- Classes and functions behaviours; and
- Testing.

The team will be using the [Airbnb config preset](#) for ESLint to maintain a consistent code format across all JavaScript/TypeScript code.

The Airbnb config is available to view in full here: <https://github.com/airbnb/javascript>

Details on how to set it up can be found in [Setting Up ESLint and Prettier on VSCode](#).

References

[1] <https://medium.com/@psengayire/the-importance-of-coding-standards-and-conventions-in-the-software-development-team-how-they-can-5d252556a05>

Coding Reviews

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When writing and reviewing code, developers should follow our adapted version of Google's Engineering Practices[1] for code reviews:

- **Design:** Is the code well-designed and appropriate for your system? (see below)
- **Functionality:** Does the code behave as the author likely intended? Is the way the code behaves good for its users?
- **Complexity:** Could the code be made simpler? Would another developer be able to easily understand and use this code when they come across it in the future?
- **Tests:** Does the code have correct and well-designed automated tests?
- **Naming:** Did the developer choose clear names for variables, classes, methods, etc.?
- **Comments:** Are the comments clear and useful?
- **Style:** Does the code follow our ESLint style guides?
- **Documentation:** Did the developer also update relevant documentation?

Design Checklist

More specifically, when reviewing the design component for code, reviewers should reference the following guidelines:

Item Type	Description
Maintainability	Does the code make sense? Could changes be made to the design to make it easier for other developers to understand or modify?
Error Handling	Does the code make use of exception handling? Does the code log errors that occur? Does the code catch specific exceptions, rather than general exceptions? Do functions ensure that only valid values are passed as parameters? Does the application continue to run when non-fatal errors are encountered?
Security	Are there any security vulnerabilities within the code?
Thread Safeness	Are asynchronous and multithreaded situations within the code handled safely? Are there any deadlocks, race conditions, or other issues present due to oversights in asynchronous execution?
Reusability	Are all available libraries being used effectively? Is a new library being used when a library already in-use by the project would be applicable? Would the code benefit from being more generalised/abstracted? Is the code too complicated from unnecessary generalisation/abstraction? Could the code be reused for other, similar problems?

Review Types

To streamline the reviewing process, and to accommodate different coding styles, code can be reviewed in a number of ways:

- **Manual Review:** Reviewers pick up tasks in the review section of JIRA and follow the review process outlined below.
- **Peer Programming:** Two or more developers work together on a task, then one commits the code and the other developers approve the code as reviewed.
- **Walkthrough:** As a substitute for the regular review process, a developer can walk through their code changes and features for a task with other people in a meeting with other developers as part of a collaborative process.

Nominating Reviewers

The number of reviewers nominated and the timeframe for review should be based on the estimation of the task. If reviews have significant issues it may be expected that the review process could take longer.

- Code written as part of pair programming does not need to be reviewed, and one person in the pair should commit the code and the other person in the pair should approve it, adding a comment that it was written as part of pair programming.
- Code reviewed using a walkthrough should have the original developer commit the code and the other people in a meeting approve it, adding a comment that the code was reviewed as part of a walkthrough.

Task Estimation	Minimum Reviewers	Maximum Timeframe
Small	2 out of 3 approved	1 day
Medium	3 approved	2 days
Large	4 approved	3 days

More reviewers can be nominated if the developers responsible for the task believe that the changes made could affect more people, or if they want feedback from additional developers, but developers should take care not to assign too many reviews to individual people and should aim to balance the workload for each team member. With this in mind, when selecting reviewers developers should aim to select people that have a solid understanding of the code that is being affected, as well as people that will be affected by the change: for example if a backend API endpoint is modified, two candidates for reviewers would be the developer who originally wrote the endpoint, and a front-end developer that would be affected by the change in the endpoint.

Review Process

1. Manually verify that the code works as intended by manually running the code on your local machine and checking that the added features work as intended;
2. Review the implementation of the code and check for any aspects that would make future maintainability of the code difficult, including things such as a lack of comments or insufficient use of modularisation;
3. Check for any effects that the new code may introduce on related code, and if this introduces any bugs or issues;
4. Ensure that the code style and format is consisted with existing code, and that all tests pass;
5. Check that sufficient tests have been added to cover the new code as per the guidelines on the testing policy;
6. If there are any issues with the code, add a comment on the code review request explaining what issues they found with the code;
7. Once satisfied with the code changes, approve the review; and
8. Once all reviewers have approved the changes the code review can be considered complete.

Traceability Matrix

User Story ID	Acceptance Criteria (AC) ID	Given	When	Then	T C 01	T C 02	T C 03	T C 04	
SWEN900132021GN-9 TO DO	AC001	I am interested in partnering with genyus Roundtable to conduct research	I navigate to the About Us webpage on their website	I can see their email address and phone number in order to contact them.					
SWEN900132021GN-71 DONE	AC002	I am an Administrator	I navigate to the Admin page	I have a central repository of users in the system					
SWEN900132021GN-10 IN PROGRESS	AC003	I need to create a new account for a genyus Admin, Research Partner or Peer Leader	I navigate to the Admin page, I select 'Create new account' and enter the user's first name, last name, email address, and a temporary password	The account is created in the system and the user is able to use it to log in successfully					
SWEN900132021GN-128 TO DO	AC004	I need to deactivate an existing account for a genyus Admin, Research Partner or Peer Leader	I navigate to the Admin page, I select the dmin, Research Partner or Peer Leader I want to deactivate	I can see their account details and I click deactivate					
SWEN900132021GN-41 TO DO	AC005	I have entered my user credentials	I click 'Log in'	I am authenticated and directed to my user account page					
SWEN900132021GN-11 TO DO	AC006	I have partnered with a Research Partner and need to create a Series landing page for upcoming Roundtables	I navigate to the Admin page, I select 'Create new Series'	A publicly available Series landing page is created					
SWEN900132021GN-12 IN PROGRESS	AC007	I have all the details ready for creating a series I have already created a Series Landing Page	I navigate to Admin page, click on a Series and I enter the Series description, images, and associated Research Partner	The Series Landing Page was auto generated					
SWEN900132021GN-42 TO DO	AC008	I have already created a Series	I click on a link that takes me to Calendly Integrate it with a calendar	I am able to choose a series of dates and times for Roundtables					
SWEN900132021GN-13 TO DO	AC009	I have already created a Series Landing Page	I navigate to Admin page, click on a Series and I enter Roundtable dates and times	The Series Landing Page is populated with Roundtables a Participant can register in to					
SWEN900132021GN-14 TO DO	AC010	I have already created a Series Landing Page	I navigate to Admin page, click on a Series and I create a list of questions associated to the Series	The Participant must respond to each question before successful registration into a Roundtable					
SWEN900132021GN-15 TO DO	AC011	I have already created a Series Landing Page	I navigate to Admin page, click on a Series and I create a 'Consent to be recorded' question	The Participant must agree to give consent before successful registration into a Roundtable					
SWEN900132021GN-16 TO DO	AC012	I have already created a Series Landing Page	I navigate to the Admin page and the system displays all Series', along with their shareable URL	I can copy this URL and email it to anyone and they click the link to view the Series landing page					
SWEN900132021GN-17 TO DO	AC013	I navigate to the public URL of a Series	I select the date and time of a Roundtable I want to register into	I click 'Submit registration' and I am registered to attend that Roundtable					
SWEN900132021GN-18 TO DO	AC014	I have navigated to a Series landing page and selected a Roundtable to register into	I select 'Submit registration'	I am prompted to provide my phone number to be used to send registration details and reminders					
SWEN900132021GN-19 TO DO	AC015	I have navigated to a Series landing page and selected a Roundtable to register into	I select 'Submit registration'	The system registers my confirmation and I am sent an <u>email</u> with Roundtable registration details (date, time, location)					
SWEN900132021GN-43 TO DO	AC016	I have navigated to a Series landing page and selected a Roundtable to register into	I select 'Submit registration'	The system registers my confirmation and I am sent a <u>text</u> with Roundtable registration details (date, time, location)					
SWEN900132021GN-20 TO DO	AC017	I am unable to attend any scheduled Roundtables for a Series	I navigate to a Series landing page and select 'Contact genyus Roundtable'	I can send a message to the Admin providing suggestions for dates and times of additional Roundtables					
SWEN900132021GN-21 TO DO	AC018	I have navigated to a Series landing page and selected a Roundtable to attend	I select 'Register for Roundtable'	I am presented with biographical questions to answer about myself prior to confirming registration					
SWEN900132021GN-22 TO DO	AC019	I have created a Series with associated Roundtables and there is at least 1 person registered into a Roundtable	I navigate to the Admin page and select the Series, I am presented with a list of associated Roundtables	I can select 'Send email reminder to Participants' for a Roundtable and an <u>email</u> is sent to all Participants registered into that Roundtable					
SWEN900132021GN-23 TO DO	AC020	I have created a Series with associated Roundtables and there is at least 1 person registered into a Roundtable	I navigate to the Admin page and select the Series, I am presented with a list of associated Roundtables	I can select 'Send text message reminder to Participants' for a Roundtable and a <u>text</u> message is sent to all Participants registered into that Roundtable					

SWEN900132021GN-24 TO DO	AC021	I have created a Series with associated Roundtables and there is at least 1 person registered into a Roundtable	I navigate to the Admin page and select the Series, I am presented with a list of associated Roundtables	I can select 'View registered Participants' to see all responses to the biographical questions by each Participant			
SWEN900132021GN-25 TO DO	AC022	I have created a Series with associated Roundtables and there is at least 1 person registered into a Roundtable	I navigate to the Admin page and select the Series, I am presented with a list of associated Roundtables and I select a Roundtable and select 'Send text reminder to all Participants'	The Participants receive a text message reminder about the upcoming Roundtable			
SWEN900132021GN-26 TO DO	AC023	I have created a Series with associated Roundtables and there is at least 1 person registered into a Roundtable	I navigate to the Admin page and select the Series, I am presented with a list of associated Roundtables and I select a Roundtable and select 'Send email reminder to all Participants'	The Participants receive an email reminder about the upcoming Roundtable			
SWEN900132021GN-27 TO DO	AC024	I have already registered for a Roundtable	When the Roundtable is approaching	I receive a text message reminder with Roundtable details (date, time, location)			
SWEN900132021GN-28 TO DO	AC025	I have already registered for a Roundtable	When the Roundtable is approaching	I receive an email reminder with Roundtable details (date, time, location)			
SWEN900132021GN-60 DONE	AC026	I am an Administrator	I navigate to the Admin page	I have a central repository of Roundtable recordings in the system			
SWEN900132021GN-59 DONE	AC027	I am an Administrator	I navigate to the Admin page	I have a central repository of Roundtable transcripts in the system			
SWEN900132021GN-29 TO DO	AC028	A Roundtable has taken place	I navigate to the Admin page and select a Series, I select a Roundtable in the Series and select 'Upload recording'	The recording is uploaded to the Roundtable and viewable by authenticated users			
SWEN900132021GN-44 TO DO	AC029	A Roundtable has taken place	I navigate to the Admin page and select a Series, I select a Roundtable in the Series and select 'Upload transcript'	The recording is uploaded to the Roundtable and viewable by authenticated users			
SWEN900132021GN-30 TO DO	AC030	A Roundtable has taken place	I navigate to the Admin page and select a Series, I am presented with the Roundtables in that Series	I select a Roundtable and select 'Email Peer Leader'			
SWEN900132021GN-31 TO DO	AC031	A Roundtable has taken place	I receive an email with questions	I click the link in the email and answer the questions that were created by the Admin			
SWEN900132021GN-45 TO DO	AC032	A Roundtable has taken place and I have answered the questions sent from the Admin	I send the responses back to the Admin	They are received by the Admin			
SWEN900132021GN-32 TO DO	AC033	A Roundtable has taken place	I navigate to the Admin page and select a Series	I click 'Create Series uploads page'			
SWEN900132021GN-33 TO DO	AC034	All Roundtables in a Series have taken place	I navigate to the Admin page and select a Series and I click 'Contact all Participants in the Series' in order to thank them for attending	All of the Participants of that Series receive the email			
SWEN900132021GN-34 TO DO	AC035	A Roundtable has taken place	I navigate to the Admin page and select a Series and select to view uploads for a Roundtable	I am presented with the video recordings, transcripts, etc of that Roundtable			
SWEN900132021GN-35 TO DO	AC036	All Roundtables in a Series have taken place	I navigate to the Admin page and select a Series and select 'Email a Certificate of Attendance to all Participants'	All of the Participants of that Series receive a Certificate of Attendance			
SWEN900132021GN-36 TO DO	AC037	I have participated in a Roundtable	All Roundtables in a Series have taken place	I receive financial payment for my effort			
SWEN900132021GN-37 TO DO	AC038	I have participated in a Roundtable	All Roundtables in a Series have taken place	I receive a Certificate of Attendance for my effort			
SWEN900132021GN-38 TO DO	AC039	All Roundtables in a Series have taken place	I navigate to the Admin page and select a Series and select 'Pay all Participants'	All of the Participants of that Series receive a payment			
SWEN900132021GN-39 TO DO	AC040	All Roundtables in a Series have taken place and I have paid the Participants	I navigate to the Admin page and select a Series and select 'View payments to Participants'	I am presented with receipts of payments to all Participants (amount, date)			
SWEN900132021GN-46 TO DO	AC041	All Roundtables in a Series have taken place and I have given certificates to the Participants	I navigate to the Admin page and select a Series and select 'View certificates sent to Participants'	I am presented with receipts of certificates sent to all Participants (date)			

Testing

Acceptance Testing (WIP)



This page is under construction. Acceptance Tests will be finalised once User Stories are implemented.

Acceptance testing is used to demonstrate that the system meets the functional requirements, as laid out in [User Stories](#).

User Story ID	Acceptance Criteria (AC) ID	Acceptance Test (AT) ID	Step	Critical	Accept Result	Comments
SWEN900132021G N-9 TO DO	AC001	1	Connor navigates to genyusroundtable.com and is now viewing the home page of the website			
SWEN900132021G N-9 TO DO	AC001	2	Connor clicks on the "Enquire" button where he is then able to input his contact details and an enquiry			
SWEN900132021G N-9 TO DO	AC001	3	Connor clicks on the "Submit" button which displays a pop-up explaining that his enquiry has been successfully submitted and is redirected back to the homepage			
SWEN900132021G N-71 DONE	AC002					
SWEN900132021G N-10 IN PROGRESS	AC003					
SWEN900132021G N-128 TO DO	AC004					
SWEN900132021G N-41 TO DO	AC005					
SWEN900132021G N-11 TO DO	AC006					
SWEN900132021G N-12 IN PROGRESS	AC007					
SWEN900132021G N-42 TO DO	AC008					
SWEN900132021G N-13 TO DO	AC009					
SWEN900132021G N-14 TO DO	AC010					
SWEN900132021G N-15 TO DO	AC011					
SWEN900132021G N-16 TO DO	AC012					
SWEN900132021G N-17 TO DO	AC013					
SWEN900132021G N-18 TO DO	AC014					
SWEN900132021G N-19 TO DO	AC015					

SWEN900132021G N-43 TO DO	AC016					
SWEN900132021G N-20 TO DO	AC017					
SWEN900132021G N-21 TO DO	AC018					
SWEN900132021G N-22 TO DO	AC019					
SWEN900132021G N-23 TO DO	AC020					
SWEN900132021G N-24 TO DO	AC021					
SWEN900132021G N-25 TO DO	AC022					
SWEN900132021G N-26 TO DO	AC023					
SWEN900132021G N-27 TO DO	AC024					
SWEN900132021G N-28 TO DO	AC025					
SWEN900132021G N-60 DONE	AC026					
SWEN900132021G N-59 DONE	AC027					
SWEN900132021G N-29 TO DO	AC028					
SWEN900132021G N-44 TO DO	AC029					
SWEN900132021G N-30 TO DO	AC030					
SWEN900132021G N-31 TO DO	AC031					
SWEN900132021G N-45 TO DO	AC032					
SWEN900132021G N-32 TO DO	AC033					
SWEN900132021G N-33 TO DO	AC034					
SWEN900132021G N-34 TO DO	AC035					
SWEN900132021G N-35 TO DO	AC036					

SWEN900132021G N-36 TO DO	AC037					
SWEN900132021G N-37 TO DO	AC038					
SWEN900132021G N-38 TO DO	AC039					
SWEN900132021G N-39 TO DO	AC040					
SWEN900132021G N-46 TO DO	AC041					

Acceptance Criteria (AC) ID	Acceptance Test (AT) ID	Step	Critical	Accept Result	Comments
AC001	1	Connor navigates to genyusroundtable.com and is now viewing the home page of the website			
	2	Connor clicks on the "Enquire" button where he is then able to input his contact details and an enquiry			
	3	Connor clicks on the "Submit" button which displays a pop-up explaining that his enquiry has been successfully submitted and is redirected back to the homepage			

Accessibility Testing

Given the requirements of the system stipulate that it should be usable by people with disabilities, accessibility testing will contain checks for contrast, font, font size, user interface, etc.



This page is under construction and will be finalised once the system is up and running.

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- Overall Accessibility Testing
- Screen Reader Testing
- Colour Blindness Testing
- Additional Testing
- References

Overall Accessibility Testing

Test	Results
WAVE Web Accessibility Evaluation Tool	

Screen Reader Testing

Students can test their website with a screen reader by using the following tools:

Mac: use Voice Over to read out a website for you. You can turn it on or off using Command + F5. See how easy or difficult it is to navigate and use a website in this way. VoiceOver comes installed on all Macs. Follow this guide to get started <https://help.apple.com/voiceover/info/guide/10.12/>

PC: You will need to install software that can read a web page to you. The most commonly used program is JAWS, but it is very expensive. There is a free, open source equivalent called NVDA (which is the next widest used text-to-speech program for people with visual impairment). The software can be found here <https://www.nvaccess.org/>

Colour Blindness Testing

<https://www.color-blindness.com/coblis-color-blindness-simulator/>

<https://www.giacomo.page/en/colorwheel/wheel.php>

Additional Testing

<https://www.w3.org/WAI/ER/tools/>

References

[1] [SWEN90013_ Alison's lecture.eml](#)

Device Testing (WIP)

Device testing confirms that the website is functional on both desktop and mobile browsers.

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Integration Testing (WIP)

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Integration tests check that all of the individual components within our system work together as a group, and allows us to identify issues with the compatibility between modules within our system. Integration is a level above unit testing, in that it takes modules that have already been unit tested and applies tests on the boundaries where two or more of these components interact with each other. At minimum, integration tests are required for all boundaries where our system interacts with external components, such as a database or external API, as well as between major internal components, such as the front-end and back-end.

Unit Testing

Unit tests cover individual methods and functions to ensure that they work as intended. It is not expected that developers will write unit tests to cover every single function, component, or module that they write, but instead focus on areas of code that are particularly complex and may be prone to bugs or other issues. As a rule of thumb, bugs caught during development, during the review process, or introduced when implementing another feature are good candidates for unit tests.

User Testing

User testing involves the use of digital and/or paper prototypes to test with the client and/or focus groups to obtain feedback.

Over the course of the year, prototypes will be created and demonstrated to the client and documented here.

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- Paper Prototype
- Digital Prototype

Paper Prototype

The paper prototype was showed to the client during [2021-04-15 Client Meeting #4](#). The prototype, along with the client's feedback, can be found on the [Wireframes](#) page.

Digital Prototype

The digital prototype was showed to the client during [2021-05-07 Client Meeting #5](#). The prototype, along with the client's feedback, can be found on the [Digital Prototype](#) page.