
Requirements for VIA Event Association

Overview

The requirements combine user stories with a form of use case scenarios. It's a slightly different format than you are used to, but this format suits our needs well for this project.

The use cases are "small" in what they do, probably smaller than what would usually happen, but I wanted to show a different approach, than what you are used to.

The format is as below. This box contains a single **use case**.

A use case consists of an ID for easy reference. A short description. There is a user story (re-arrange order). Then success and failure scenarios, written on a specific format called Gherkin. Or just given-when-then. These have IDs too, e.g. S1, S2, S3 for success scenarios, and F1, F2, F3, etc for failure scenarios. This is, again, for easy reference, and tracking of what is implemented.

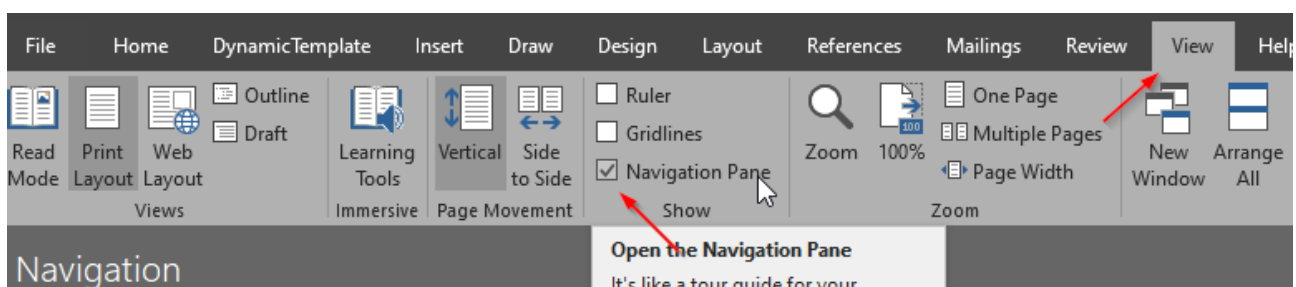
Some scenarios cannot be implemented right away. Some depends on other scenarios or use cases. This way, you can manage a list to show what is done: 3.S1 references use case 3, success scenario 1.

Sometimes example data is provided between pipes: | example data |

Example use case format:

<Use case ID>.	
User story on the format: In order to ... [business value first] As a ... [some user type] I want to ... [some feature]	
Success scenarios	
S1 Given ... <i>[And ...]</i> When ... Then ... <i>[And ...]</i>	S2 Given ... <i>[And ...]</i> When ... Then ... <i>[And ...]</i>
Failure scenarios	
F1 Given ... <i>[And ...]</i> When ... Then ... <i>[And ...]</i>	F2 Given ... <i>[And ...]</i> When ... Then ... <i>[And ...]</i>
F3 Given ... <i>[And ...]</i> When ... Then ... <i>[And ...]</i>	F4 Given ... <i>[And ...]</i> When ... Then ... <i>[And ...]</i>

I suggest making Word show the navigation panel on the left for easier overview of the document. You enable it like this:



Actors

Anonymous is someone who uses the system, but is not registered, nor logged in (we won't deal with logging in or out). Basically, *anonymous* can't do much with the system other than register.

Guest is the kind of user who can sign up for events, and will then participate. This user is registered in the system.

Creator is an implicit user, as in it does not really exist in the system. When *creator* is mentioned, we mean that VIA Event Association is performing some action. Eventually they will probably have some login credentials, and therefore exist in the system, but not in this first iteration.

Authentication/authorization is not part of this course.

The creator is responsible for creating an event, setting the correct information, inviting potential guests, etc.

Requirements

The below requirements are ordered by importance. You are intended to implement these in order.

Must have:

- 1) Event creator creates new event.
- 2) Event creator updates title of event.
- 3) Event creator updates description of event.
- 4) Event creator updates start-time and -date, and end-time and -date of event.
- 5) Event creator sets visibility of event to “public”.
- 6) Event creator sets visibility of event to “private”.
- 7) Event creator sets maximum number of guests.
- 8) Event creator readies event.
- 9) Event creator activates event.
- 10) Anonymous registers a new account.
- 11) Guest chooses to participate in a public event.
- 12) Guest removes their choice to participate in a public event.
- 13) Event creator extends invitation to guest to participate in an event.
- 14) Guest accepts invitation.
- 15) Guest declines invitation.

Nice to have:

- 16) Event creator adds new location.
- 17) Event creator updates name of location.
- 18) Event creator sets maximum number of people of location.
- 19) Event creator sets availability interval of location.
- 20) Event creator sets location of event.

Could have:

- 21) Guest requests to join private event.
- 22) Event creator approves join request.
- 23) Event creator decline join request.
- 24) Event creator cancels event (active only).
- 25) Event creator deletes event (draft, ready only).

Comment: Use cases in “Nice to have” or “Could have”, have not been detailed. You are very welcome to implement them, but then I expect you to write use cases first, in the format you see below.

I would love to see how you analyse the business logic for each feature!

Use cases

ID: 1 – The creator creates a new empty event.

In order to host events

As a creator

I want to create a new event

Comment:

- Most fields will receive an initial default value when an event is created. You may want to postpone doing those success scenarios until you have implemented the use case related to that specific field. E.g. S2 requires the title is set, but title is managed in UC2.

Success scenarios

S1

Given an Id

When creator selects to create an event

Then an empty event is created with an ID

And the status is set to “*draft*”

And the maximum number of guests is 5

S2

Given an Id

When creator selects to create an event

Then the event is created

And the title of the event is set to “Working Title”

S3

Given an Id

When creator selects to create an event

Then the event is created

And the description of the event is set to an empty text, i.e. “”.

S4

Given an Id

When creator selects to create an event

Then the event is created

And the visibility of the event is *private*

ID: 2 – The creator updates the title of an existing event

In order to catch the interest of guests

As a creator

I want to set the title of an event.

Note (for session 2): Your ID type, e.g. EventId, if it's not a plain Guid, but a wrapper, needs to be able to create an ID from a string of a Guid. Like: EventId.FromString("....");

Success scenarios

<p>S1</p> <p><u>Given</u> an existing event with ID</p> <p><u>When</u> creator selects to set the title of the event</p> <table><tr><td></td><td>Scary Movie Night!</td><td> </td></tr><tr><td></td><td>Graduation Gala</td><td> </td></tr><tr><td></td><td>VIA Hackathon</td><td> </td></tr></table> <p>And the title length is between 3 and 75 (inclusive) characters</p> <p>And the event is in <i>draft status</i></p> <p><u>Then</u> the title of the event is updated</p>		Scary Movie Night!			Graduation Gala			VIA Hackathon		<p>S2</p> <p><u>Given</u> an existing event with ID</p> <p><u>When</u> creator selects to set the title of the event</p> <table><tr><td></td><td>Scary Movie Night!</td><td> </td></tr><tr><td></td><td>Graduation Gala</td><td> </td></tr><tr><td></td><td>VIA Hackathon</td><td> </td></tr></table> <p>And the title length is between 3 and 75 (inclusive) characters</p> <p>And the event is in <i>ready status</i></p> <p><u>Then</u> the title of the event is updated</p> <p>And the event is in <i>draft status</i></p>		Scary Movie Night!			Graduation Gala			VIA Hackathon	
	Scary Movie Night!																		
	Graduation Gala																		
	VIA Hackathon																		
	Scary Movie Night!																		
	Graduation Gala																		
	VIA Hackathon																		

Failure scenarios

<p>F1 <u>Given</u> an existing event with ID <u>When</u> creator selects to set the title of the event And the title is 0 characters <u>Then</u> a failure message is returned explaining that the title must be between 3 and 75 characters</p>	<p>F2 <u>Given</u> an existing event with ID <u>When</u> creator selects to set the title of the event</p> <table><tr><td></td><td>XY</td><td></td></tr><tr><td></td><td>a</td><td></td></tr></table> <p>And the title is less than 3 characters <u>Then</u> a failure message is returned explaining that the title must be between 3 and 75 characters</p>		XY			a	
	XY						
	a						
<p>F3 <u>Given</u> an existing event with ID <u>When</u> creator selects to set the title of the event And the title is more than 75 characters <u>Then</u> a failure message is returned explaining that the title must be between 3 and 75 characters</p>	<p>F4 <u>Given</u> an existing event with ID <u>When</u> creator selects to set the title of the event And the title is non-existing (null) <u>Then</u> a failure message is returned explaining that the title must be between 3 and 75 characters</p>						
<p>F5 <u>Given</u> an existing event with ID <u>When</u> creator selects to set the title of the event And the event is in <i>active status</i> <u>Then</u> a failure message is returned explaining an active event cannot be modified</p>	<p>F6 <u>Given</u> an existing event with ID <u>When</u> creator selects to set the title of the event And the event is in <i>cancelled status</i> <u>Then</u> a failure message is returned explaining a cancelled event cannot be modified</p>						

ID: 3 – The creator updates the description of an event

In order to inform guests about the content of an event

As a creator

I want to set the description of an event.

Success scenarios

S1

Given an existing event with ID

And the status is *draft*

When creator selects to set the description of the event

| Nullam tempor lacus nisl, eget tempus
quam maximus malesuada. Morbi faucibus
sed neque vitae euismod. Vestibulum
non purus vel justo ornare vulputate.
In a interdum enim. Maecenas sed
sodales elit, sit amet venenatis orci.
Suspendisse potenti. Sed pulvinar
turpis ut euismod varius. Nullam
turpis tellus, tincidunt ut quam
convallis, auctor mollis nunc. Aliquam
erat volutpat. |

And the description length is between 0 and 250 (inclusive)
characters

Then the description of the event is updated

S2

Given an existing event with ID

When creator selects to set the
description of the event to
nothing/empty

Then the description of the event is set
to an empty description (i.e. "")

S3

Given an existing event with ID

And the status is *ready*

When creator selects to set the description of the event to
a valid value (see S1, S2)

Then the description of the event is updated

And the event status is *draft*

Failure scenarios

F1

Given an existing event with ID

When creator selects to set the description of the event

And the description is more than 250 characters

Then a failure message is returned explaining the problem

Note: test data text can be generated here: [Lorem Ipsum - All the facts - Ipsum generator](#)

F2

Given an existing event with ID

When creator selects to set the description of the event

And the event is in *cancelled status*

Then a failure message is returned explaining a cancelled event cannot be modified

F3

Given an existing event with ID

When creator selects to set the description of the event

And the event is in *active status*

Then a failure message is returned explaining an active event cannot be modified

ID: 4 – The creator updates the start and end time of the event

In order to inform guests when to show up and when to fudge off

As a creator

I want to set start time/date and end time/date

Comments:

- Start/end time/date is henceforth just “times”.
- Rooms are usable from 08 am on a day, to 01 am on the next day. I.e. not usable between 01.01 am and 07.59 am on the same day.
- Consider how to model the values here, there are multiple valid approaches.
- Consider which logic goes into the Value Object, and which to the Entity.
- All example times are given in 24-hour format.
- All example dates below are given in yyyy-mm-dd format.
- Time intervals must be equal to or less than 10 hours, so an event can, e.g., be from 13:00 to 23:00.
- An event cannot start after midnight, or: it cannot start before 08:00

Hint:

- You may look at the classes DateTime, DateOnly, and TimeOnly. The three can be converted between, e.g. TimeOnly.FromDateTime() will extract the time from a DateTime.
- You can do some basic math on DateTime, DateOnly, and TimeOnly.

Success scenarios

S1

Given an existing event with ID

And the event status is *draft*

When creator selects to set the times of the event

	2023/08/25	19:00	to	2023/08/25	23:59	
	2023/08/25	12:00	to	2023/08/25	16:30	
	2023/08/25	08:00	to	2023/08/25	12:15	
	2023/08/25	10:00	to	2023/08/25	20:00	
	2023/08/25	13:00	to	2023/08/25	23:00	

And the start time is before the end time

And the dates are the same

And the duration of the event is 1 hour or longer

And the start time is after 08:00 (am, morning)

And the end time is before 23:59

Then the times of the event are updated

S2**Given** an existing event with ID**And** the event status is *draft***When** creator selects to set the times of the event

2023/08/25 19:00	to	2023/08/26 01:00
2023/08/25 12:00	to	2023/08/25 16:30
2023/08/25 08:00	to	2023/08/25 12:15

And the start date is before the end date**And** the duration of the event is 1 hour or longer**And** the start time is after 08:00 (am)**And** the end time is before 01:00 (am)**Then** the times of the event are updated**S3****Given** an existing event with ID**And** the event status is *ready***When** creator sets the times of the event to valid values (see S1, S2)**Then** the times of the event are updated**And** the status is *draft***S4****Given** an existing event with ID**When** creator sets the times of the event to valid values (see S1, S2)**And** the start time is in the future**Then** the times of the event are updated**S5****Given** an existing event with ID**When** creator sets the times of the event to valid values (see S1, S2)**And** the duration from start to finish is 10 hours or less**Then** the times of the event are updated

Failure scenarios

F1**Given** an existing event with ID**When** creator selects to set the times of the event

2023/08/26 19:00	to	
2023/08/25 01:00		
2023/08/26 19:00	to	
2023/08/25 23:59		
2023/08/27 12:00	to	
2023/08/25 16:30		
2023/08/01 08:00	to	
2023/07/31 12:15		

And the start date is after the end date**Then** a failure message is returned explaining the problem**F2****Given** an existing event with ID**When** creator selects to set the times of the event

2023/08/26 19:00	to	
2023/08/26 14:00;		
2023/08/26 16:00	to	
2023/08/26 00:00		
2023/08/26 19:00	to	
2023/08/26 18:59		
2023/08/26 12:00	to	
2023/08/26 10:10		
2023/08/26 08:00	to	
2023/08/26 00:30		

And the start date is the same as the end date**And** the start time is after the end date**Then** a failure message is returned explaining the problem

<p>F3 Given an existing event with ID When creator selects to set the times of the event</p> <table><tr><td> </td><td>2023/08/26 14:00</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/26 14:50</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/26 18:00</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/26 18:59</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/26 12:00</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/26 12:30</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/26 08:00</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/26 08:00</td><td></td><td> </td></tr></table> <p>And the start date is the same as the end date And the start time is less than 1 hour before the end time, giving the event a duration of less than 1 hour Then a failure message is returned explaining the problem</p>		2023/08/26 14:00	to			2023/08/26 14:50				2023/08/26 18:00	to			2023/08/26 18:59				2023/08/26 12:00	to			2023/08/26 12:30				2023/08/26 08:00	to			2023/08/26 08:00			<p>F4 Given an existing event with ID When creator selects to set the times of the event</p> <table><tr><td> </td><td>2023/08/25 23:30</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/26 00:15</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/30 23:01</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/31 00:00</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/30 23:59</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/31 00:01</td><td></td><td> </td></tr></table> <p>And the start date is before the end date And the start time is less than 1 hour before the end time, giving the event a duration of less than 1 hour Then a failure message is returned explaining the problem</p>		2023/08/25 23:30	to			2023/08/26 00:15				2023/08/30 23:01	to			2023/08/31 00:00				2023/08/30 23:59	to			2023/08/31 00:01																		
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<p>F5 Given an existing event with ID When creator selects to set the times of the event</p> <table><tr><td> </td><td>2023/08/25 07:50</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/25 14:00</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/25 07:59</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/25 15:00</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/25 01:01</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/25 08:30</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/25 05:59</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/25 07:59</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/25 00:59</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/25 07:59</td><td></td><td> </td></tr></table> <p>And the start time is before 08:00 Then a failure message is returned explaining the problem</p>		2023/08/25 07:50	to			2023/08/25 14:00				2023/08/25 07:59	to			2023/08/25 15:00				2023/08/25 01:01	to			2023/08/25 08:30				2023/08/25 05:59	to			2023/08/25 07:59				2023/08/25 00:59	to			2023/08/25 07:59			<p>F6 Given an existing event with ID When creator selects to set the times of the event</p> <table><tr><td> </td><td>2023/08/24 23:50</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/25 01:01</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/24 22:00</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/25 07:59</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/30 23:00</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/31 02:30</td><td></td><td> </td></tr><tr><td> </td><td>2023/08/24 23:50</td><td>to</td><td> </td></tr><tr><td> </td><td>2023/08/25 01:01</td><td></td><td> </td></tr></table> <p>And the start time is before 01:00 And the end time is after 01:00 Then a failure message is returned explaining the problem</p>		2023/08/24 23:50	to			2023/08/25 01:01				2023/08/24 22:00	to			2023/08/25 07:59				2023/08/30 23:00	to			2023/08/31 02:30				2023/08/24 23:50	to			2023/08/25 01:01		
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	2023/08/25 01:01																																																																								
<p>F7 Given an existing event with ID And the event status is <i>active</i> When creator sets the times of the event Then a failure message is returned explaining that the times of an active event cannot be modified when the event is active</p>	<p>F8 Given an existing event with ID When creator sets the times of the event And the event is in <i>cancelled status</i> Then a failure message is returned explaining a cancelled event cannot be modified</p>																																																																								

<p>F9 Given an existing event with ID When creator selects to set the times of the event</p> <table border="1"> <tr><td>2023/08/30 08:00</td><td>to</td></tr> <tr><td>2023/08/30 18:01</td><td></td></tr> <tr><td>2023/08/30 14:59</td><td>to</td></tr> <tr><td>2023/08/31 01:00</td><td></td></tr> <tr><td>2023/08/30 14:00</td><td>to</td></tr> <tr><td>2023/08/31 00:01</td><td></td></tr> <tr><td>2023/08/30 14:00</td><td>to</td></tr> <tr><td>2023/08/31 18:30</td><td></td></tr> </table> <p>And the duration of the event is longer than 10 hours Then a failure message is returned explaining the problem</p>	2023/08/30 08:00	to	2023/08/30 18:01		2023/08/30 14:59	to	2023/08/31 01:00		2023/08/30 14:00	to	2023/08/31 00:01		2023/08/30 14:00	to	2023/08/31 18:30		<p>F10 Given an existing event with ID When creator sets the times of the event And the start time is in the past Then a failure message is returned explaining that events cannot be started in the past</p>
2023/08/30 08:00	to																
2023/08/30 18:01																	
2023/08/30 14:59	to																
2023/08/31 01:00																	
2023/08/30 14:00	to																
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2023/08/30 14:00	to																
2023/08/31 18:30																	
<p>F11 Given an existing event with ID When creator selects to set the times of the event</p> <table border="1"> <tr><td>2023/08/31 00:30</td><td>to</td></tr> <tr><td>2023/08/31 08:30</td><td></td></tr> <tr><td>2023/08/30 23:59</td><td>to</td></tr> <tr><td>2023/08/31 08:01</td><td></td></tr> <tr><td>2023/08/31 01:00</td><td>to</td></tr> <tr><td>2023/08/31 08:00</td><td></td></tr> </table> <p>And the start time is before 01:00 on the same date as the end time, or the date before And the end time is after 08:00, meaning the event spans the time between 01 and 08 Then a failure message is returned explaining the problem</p>	2023/08/31 00:30	to	2023/08/31 08:30		2023/08/30 23:59	to	2023/08/31 08:01		2023/08/31 01:00	to	2023/08/31 08:00						
2023/08/31 00:30	to																
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2023/08/31 08:01																	
2023/08/31 01:00	to																
2023/08/31 08:00																	

ID: 5 – The creator makes the event public

In order to let any guest join the event
As a creator
I want to make the event public

Success scenarios

S1

Given an existing event with ID
And the status is *draft* or *ready* or *active*
When creator chooses to make the event public
Then the event is public
And the status is unchanged

Failure scenarios

F1

Given an existing event with ID
And the event is in *cancelled status*
When creator chooses to make the event public
Then a failure message is provided explaining a cancelled event cannot be modified

ID: 6 – The creator makes the event private

In order to only let invited guests join an event

As a creator

I want to make the event private

Success scenarios

S1

Given an existing event with ID

And the status is *draft* or *ready*

And the event is already private (the event is initialized to private)

When creator chooses to make the event private

Then nothing changes

And the event remains private

And the event remains in its current status

S2

Given an existing event with ID

And the status is *draft* or *ready*

And the event is public

When creator chooses to make the event private

Then the event is made private

And the status is *draft*

Failure scenarios

F1

Given an existing event with ID

And the event is in *active status*

When creator chooses to make the event private

Then a failure message is provided explaining an *active* event cannot be made private

F2

Given an existing event with ID

And the event is in *cancelled status*

When creator chooses to make the event private

Then a failure message is provided explaining a *cancelled* event cannot be modified

ID: 7 – The creator sets maximum number of guests

In order to not violate fire regulations

As a creator

I want to set the maximum number of guests

Success scenarios

S1

Given an existing event with ID

And the event status is *draft* or *ready*

When creator sets the maximum number of guests

5
10
25
50

And the number is less than 50

Then the maximum number of guests is set to the selected value

S2

Given an existing event with ID

And the event status is *draft* or *ready*

When creator sets the maximum number of guests

5
10
25
50

And the number is larger than or equal to 5

Then the maximum number of guests is set to the selected value

S3

Given an existing event with ID

And the event is in *active status*

When creator sets the maximum number of guests

And the number is between 5 and 50 (both inclusive)

And the number of guests is larger than or equal to the previous value

Then the maximum number of guests is set to the selected value

Failure scenarios

F1

Given an existing event with ID

And the event is in *active status*

When creator reduces the number of maximum guests

Then a failure message is provided explaining the maximum number of guests of an *active* cannot be reduced (it may only be increased)

F2

Given an existing event with ID

And the event is in *cancelled status*

When creator sets the number of maximum guests

Then a failure message is provided explaining a cancelled event cannot be modified

F3

Given an existing event with ID

And the event has a location (see UC16-20)

When creator sets the maximum number of guests

And the number of guests is larger than the location's maximum number of people

Then the request is rejected, with a message explaining you cannot have more people at an event than there is room for.

F4

Given an existing event with ID

When creator sets the number of maximum guests to number < 5

Then a failure message is provided explaining the maximum number of guests cannot be negative

F5

Given an existing event with ID

When creator sets the number of maximum
guests to a number > 50

Then a failure message is provided explaining the
maximum number of guests cannot exceed 50

ID: 8 – The creator readies an event

In order to finalize event setup

As a creator

I want to ready the event

Success scenarios

S1

Given an existing event with ID

And the event is in *draft status*

And the following data is set with valid values: title, description, times, visibility, maximum guests

When creator readies the event

Then the event is made ready

Failure scenarios

F1

Given an existing event with ID

And the event is in *draft status*

And the *any* of the following is true:

- Title is not set or remains default value
- Description is not set or remains default value
- Times are not set or remains default value
- visibility is not set
- maximum guests is not between 5 and 50

When creator readies the event

Then a failure message is provided explaining what data is missing

F2

Given an existing event with ID

And the event is in *cancelled status*

When creator readies the event

Then a failure message is provided explaining a cancelled event cannot be readied

F3

Given an existing event with ID

And the event has a start date/time which is prior to the time of readying

When the creator readies the event

Then a failure message is provided explaining an event in the past cannot be made ready

F4

Given an existing event with ID

And the title of the event is the default (see UC1)

When creator readies the event

Then a failure message is provided explaining the title must changed from the default

ID: 9 – The creator activates an event

In order to make the event available

As a creator

I want to activate the event

Success scenarios

S1

Given an existing event with ID

And the event is in *draft status*

And the following data is set with valid values: title, description, times, visibility, maximum guests

When creator activates the event

Then the event is first made ready, and if successful, then made active

S2

Given an existing event with ID

And the event is in *ready status*

When creator activates the event

Then the event is then active

S3

Given an existing event with ID

And the event is in *active status*

When creator activates the event

Then nothing changes, the event successfully remains *active*

Failure scenarios

F1

Given an existing event with ID

And the event is in *draft status*

And any of the following data is *not* set with valid values: title, description, times, visibility, maximum number of guests (i.e. ready-able, see UC8)

When creator activates the event

Then a failure message is provided explaining what data is missing

F2

Given an existing event with ID

And the event is in *cancelled status*

When creator activates the event

Then a failure message is provided explaining a cancelled event cannot be activated

ID: 10 – An anonymous user (aka Anon) registers a new Guest account

In order to properly use the platform

As an anonymous user (aka. Anon)

I want to register as a Guest

Comment:

- I realize last names can come in many forms, like McGregor, O’Conner, De Santos, or Asian letters, etc. We’ll stick to a simpler format.
- We do not store a profile picture. We store a URL to some picture online somewhere.
Like this [unknown-person-silhouette-whith-blue-tie.jpg \(2048×2048\) \(istockphoto.com\)](#)

Success scenarios

S1

Given via-email, first name, last name, and a profile picture URL

And email ends with “@via.dk”

And email is in correct email format

| <text1>@<text2>.<text3> |

And email:text1 is between 3 and 6 (inclusive) characters long

And email:text1 is either:

- 3 or 4 uppercase/lowercase English letters, or
- 6 digits from 0 to 9

And first name is between 2 and 25 characters

And last name is between 2 and 25 characters (i.e. letters, not numbers or symbols)

When Anon chooses to register

Then a new account is created, with an ID, and the above values

And the first letter of first name is capitalized

And the non-first letters of first name are lower-case

And the first letter of last name is capitalized

And the non-first letters of last name are lower-case

And the email is in all lower-case

Failure scenarios

F1

Given email

And email does not end with “@via.dk”

When Anon chooses to register with otherwise valid values

Then the request is rejected, an error message is provided saying only people with a VIA mail can register

F2

Given email

And email is not in correct format (see S1)

When Anon chooses to register with otherwise valid values

Then the request is rejected, an error message is provided explaining the problem with the email

<p>F3 Given first name And first name is invalid (see S1) When Anon chooses to register with otherwise valid values Then the request is rejected, an error message is provided explaining the rules for first name</p>	<p>F4 Given last name And last name is invalid (see S1) When Anon chooses to register with otherwise valid values Then the request is rejected, an error message is provided explaining the rules for last name</p>
<p>F5 Given email And the email is already registered When Anon chooses to register with otherwise valid values Then the request is rejected, an error message is provided explaining the email is already registered.</p>	<p>F6 Given first name or last name And the name contains numbers When Anon chooses to register with otherwise valid values Then the request is rejected, an error message is provided explaining the rules for first name</p>
<p>F7 Given first name or last name And the name contains symbols When Anon chooses to register with otherwise valid values Then the request is rejected, an error message is provided explaining the rules for first name</p>	

ID: 11 – Guest participates public event

In order to indicate my intention to participate in an event

As a guest

I want to choose to participate in a public event

Success scenarios

<p>S1 Given an existing event with ID And the event status is <i>active</i> And the event is <i>public</i> And a registered guest with ID And the current number of registered guests is less than the maximum number of allowed guests And the event has not yet started, i.e. before the start time When the guest chooses to attend the public event Then the event has registered that the guest intends to participate</p>	<p>S2</p>
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Failure scenarios

<p>F1 Given an existing valid event with ID And the event status is <i>draft</i>, <i>ready</i>, or <i>cancelled</i> And a registered guest with ID And the event is public When guest chooses to participate in the event Then the request is rejected, and a failure message is provided explaining that only active events can be joined</p>	<p>F2 Given an existing valid event with ID And the event status is <i>active</i> And a registered guest with ID And the current number of registered guests (participants, invitees who have accepted, and accepted participate-requests) is <i>equal to</i> the maximum number of allowed guests And the event is public When guest chooses to participate in the event Then the request is rejected, and a failure message is provided explaining that there is no more room</p>
<p>F3 Given an existing valid event with ID And the event start time is in the past When guest chooses to participate in the event Then the request is rejected, and a failure message is provided explaining that only future events can be participated</p>	<p>F4 Given an existing valid event with ID And a registered guest with ID And the event is private When guest chooses to participate in the event Then the request is rejected, and a failure message is provided explaining that only public events can be participated</p>

F5

Given an existing valid event with ID

And a registered guest with ID

And the guest is already a participant at the event

When guest chooses to participate in the event

Then the request is rejected, and a failure message is provided explaining that a guest cannot take two slots at an event

ID: 12 – Guest cancels event participation

In order to regret my intention to participate in an event

As a guest

I want to choose to cancel my participation-intent in an event

Success scenarios

S1

Given an existing event with ID

And a registered guest with ID

And the guest is currently marked as participating in the event

When the guest chooses to cancel their participation

Then the event removes the participation of this guest

S2

Given an existing event with ID

And a registered guest with ID

And the guest is *not* marked as participating in the event

When the guest chooses to cancel their participation

Then nothing changes

Failure scenarios

F1

Given an existing event with ID

And a registered guest with ID

And the guest is marked as participating in the event

And the event start time is in the past

When the guest chooses to cancel their participation

Then the request is rejected, and a message explains you cannot cancel your participation of past or ongoing events

ID: 13 – Guest is invited to event

In order to nudge guests to participate in an event

As a create

I want to invite guests to an event

Success scenarios

S1

Given an existing event with ID

And the event status is *ready* or *active*

And a registered guest with ID

When the creator invites a guest

Then a pending guest invitation is registered on the event

Failure scenarios

F1

Given an existing event with ID

And the event status is *draft* or *cancelled*

And a registered guest with ID

When the creator invites a guest

Then the request is rejected with a message explaining guests can only be invited to the event, when the event is *ready* or *active*

F2

Given an existing event with ID

And the event status is *active*

And a registered guest with ID

And the maximum number of guests is already attending, counting participation-indications (UC11) and invitation-accepts (UC14)

When the creator invites a guest

Then the request is rejected with a message explaining you cannot invite guests if the event is full

ID: 14 – Guest accepts invitation

In order to join the event of which I was invited

As a guest

I want to accept the invitation

Success scenarios

S1

Given an active event

And a registered guest

And the event has a *pending* invitation for the guest

And the number of participating (either invitation-accepts or participation-indications) guests is less than the maximum number of guests

When the guest accepts the invitation

Then the invitation is changed from pending to accepted

Failure scenarios

F1

Given an existing event with ID

And a registered guest with ID

And the event has no invitation for the guest

When the guest accepts an invitation

Then the request is rejected, with a message explaining the guest is not invited to the event

F2

Given an existing event with ID

And a registered guest with ID

And the event has a pending invitation for the guest

And the number of participating (either invitation-accepts or participation-indications) guests has reached the maximum

When the guest accepts the invitation

Then the request is rejected, with a message explaining the event is full

F3

Given a cancelled event

And a registered guest

And the event has a *pending* invitation for the guest

When the guest accepts the invitation

Then the request is rejected with a message explaining cancelled events cannot be joined.

F4

Given a ready event

And a registered guest

And the event has a *pending* invitation for the guest

When the guest accepts the invitation

Then the request is rejected with a message explaining the event cannot yet be joined.

ID: 15 – Guest declines invitation

In order to indicate I will not be participating in an event to which I have been invited

As a guest

I want to decline an invitation

Success scenarios

S1

Given an active event

And a registered guest

And the event has an invitation for the guest

When the guest declines the invitation

Then the invitation is registered as declined

S2

Given an active event

And a registered guest

And the event has an *accepted* invitation for the guest

When the guest declines the invitation

Then the invitation is registered as declined

Failure scenarios

F1

Given an existing event with ID

And a registered guest with ID

And the event has no invitation for the guest

When the guest accepts the invitation

Then the request is rejected, with a message explaining the guest is not invited to the event

F2

Given a cancelled event

And a registered guest

And the event has a *pending* invitation for the guest

When the guest declines the invitation

Then the request is rejected with a message explaining invitations to cancelled events cannot be declined.

F3

Given a ready event

And a registered guest

And the event has a *pending* invitation for the guest

When the guest accepts the invitation

Then the request is rejected with a message explaining the event cannot yet be declined.