

TEST OF FUNCTIONALITY AND RESPONSIVENESS

User Story	Test Case	Description	What to do	Expected output	Functionality test		Usability test - Device viewport width:					Comment responsiveness	Deployed version
					Viewp ort width: XL	Comment	XS 360- 575px	S 576- 767px	M 768- 991px	L 992- 1199px	XL 1200- 3800px		
US-001	TC-001	Navigate to map	* Go to top of screen with navbar * If you are using a device with screen width smaller then 768 px: click on "hamburger" to the right. * Click on "Map with resorts" * Test above when you are in diffented places in the page.	The map should appear.	Pass		Pass	Pass	Pass	Pass	Pass	"Hamburger" menu on viewport S and smaller	Pass
US-002	TC-002	Navigate to top-10-list	* Go to top of screen with navbar * If you are using a device with screen width smaller then 768 px: click on "hamburger" to the right. * Click on "Top-10 resorts" * Test above when you are in different places in the page.	The rating list should show up	Pass		Pass	Pass	Pass	Pass	Pass	"Hamburger" menu on viewport S and smaller	Pass

US-003	TC-003	Navigate to Add ski resort	<ul style="list-style-type: none"> <li>* Go to top of screen with navbar</li> <li>* If you are using a device with screen width smaller than 768 px: click on "hamburger" to the right.</li> <li>* Click on "Add ski resort"</li> <li>* Test above when you are in different places in the page.</li> </ul>	The form for sending in requests should show up	Pass		Pass	Pass	Pass	Pass	Pass	"Hamburger" menu on viewport S and smaller	Pass
US-004	TC-004	Navigate to top of page	<ul style="list-style-type: none"> <li>* Click on the logo in right upper corner of the screen.</li> <li>* Test above when you are in different places in the page.</li> </ul>	Your should be in the top of the page with the carousel.	Pass		Pass	Pass	Pass	Pass	Pass		Pass
US-005	TC-005	Find ski resorts in map	<ul style="list-style-type: none"> <li>* Navigate to map.</li> <li>* Click on a cluster until you see markers.</li> </ul>	There should be clusters and/or markers in the map.	Pass	I see two clusters and totally 10 resorts when clicking on clusters.	Pass	Pass	Pass	Pass	Pass	* Information is below map on device S and smaller. For larger the information is to the right of the map. * Smaller fonts (14px) on XS devices	Pass
US-006	TC-006	Find short description of Val Thorens	<ul style="list-style-type: none"> <li>* Navigate to map.</li> <li>* Click on a cluster near France</li> <li>* When you see marker for Val Thorens: Click on marker</li> <li>* To the right if M or larger screen otherwise under the map: There should be short information about Val Thorens</li> </ul>	Short information about Val Thorens beside or under map.	Pass	I can read that Val Thorens is: Europe's highest situated ski resort and part of the world's largest contiguous ski area, les Trois Vallées	Pass	Pass	Pass	Pass	Pass	* Information is below map on device S and smaller. For larger the information is to the right of the map. * Smaller fonts (14px) on XS devices	Pass
US-006	TC-007	Test that you can shift and se short information for another ski resort.	<ul style="list-style-type: none"> <li>* Do as TC-002 and after that</li> <li>* Click on Marker for Verbier in Switzerland.</li> <li>* Find short information about Verbier to the right if larger screen and below map if smaller screen.</li> </ul>	Short information about Verbier beside or under map.	Pass	I can read that Verbier is: A giant ski area that delivers some of the world's best off-piste skiing in combination with luxury and flair in a cosmopolitan mountain village.	Pass	Pass	Pass	Pass	Pass	* Information is below map on device S and smaller. For larger the information is to the right of the map. * Smaller fonts (14px) on XS devices	Pass
US-007	TC-008	Find snow report for a ski resort	<ul style="list-style-type: none"> <li>* Navigate to map.</li> <li>* Find cluster in north Europe and click on it.</li> <li>* Click on marker for Åre in Sweden</li> <li>* Find snow report to the right of map if larger screen and below map if smaller.</li> </ul>	Snow report to the right(if larger screen) or below (if smaller screen) map.	Pass	I get current snow report for Åre.	Pass	Pass	Pass	Pass	Pass	* Information is below map on device S and smaller. For larger the information is to the right of the map. * Smaller fonts (14px) on XS devices	Pass

US-007	TC-009	If snow report is not available for ski resort: user is informed about that.	<ul style="list-style-type: none"> <li>* Navigate to map and find a resort.</li> <li>* Check if you get snowreport information as in TC-004.</li> <li>* Almost always there is a problem with fetching snow report for one or more resorts (this is due to a CORS-problem on server-side). Continue choosing new resorts until you hit one with no snow report.</li> </ul>	A message under header "Snow Report" saying "At the moment our provider of information can not give us the snow report for..."	Pass		Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is below map on device S and smaller. For larger the information is to the right of the map.</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass
US-008	TC-010	Find todays weather for a ski resort	<ul style="list-style-type: none"> <li>* Navigate to map.</li> <li>* Find cluster in central Europe and click on it.</li> <li>* Click on marker for Cortina d'Ampesso in Italy.</li> <li>* Find wheater forecast to the right of map if larger screen and below map if smaller.</li> <li>* Check that the date is todays date.</li> </ul>	The date should be todays date and the weather at three different times should show.	Pass	I can see todays date and the weather for 7.00, 13.00 and 19.00 at the top.	Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is below map on device S and smaller. For larger the information is to the right of the map.</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass
US-008	TC-011	If weather forecast is not available for ski resort: user is informed about that.	<ul style="list-style-type: none"> <li>* Navigate to map and find a resort.</li> <li>* Check if you get snowreport information as in TC-004.</li> <li>* Almost always there is a problem with fetching weather forecast for one or more resorts (this is due to a CORS-problem on server-side). Continue choosing new resorts until you hit one with no weather forecast.</li> </ul>	A message under header "Wheater at top.." saying "At the moment our provider of information can not give us weather information for ..."	Pass		Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is below map on device S and smaller. For larger the information is to the right of the map.</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass
US-009	TC-012	Compare altitude at base and top, nr of pists and nr of slopes for Chamonix, France and Zermatt, Switzerland	<ul style="list-style-type: none"> <li>* Navigate to map and click on cluster in central Europe.</li> <li>* Find Chamonix in France and Zermatt in Switzerland. Click on both markers, one at a time.</li> <li>* A small infowindow should appear close to each marker.</li> </ul>	In each infowindow you should find the information about altitudes, pists and slopes	Pass	I can see that Zermatts base have an altitude of 530 m higher than Charmonix. The top altitude though is only 50 m higher. Zermatt has more slope and more lifts.	Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is below map on device S and smaller. For larger the information is to the right of the map.</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass
US-010	TC-013	Check which resort has the best ranking	<ul style="list-style-type: none"> <li>* Navigate to "Top-10 resorts"</li> <li>* Se which resort is number 1</li> </ul>	The number 1 resort should be in the top of the list.	Pass		Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is structured in a table for devices M and larger. For smaller devices each resorts information is presented in a "card".</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass

US-010	TC-014	Check that the ranking is represented with right amount of stars.	<ul style="list-style-type: none"> <li>* Navigate to "Top-10 resorts"</li> <li>* For each resort look at rating average and check that the rating is represented with right amount of stars.</li> </ul>	<p>The right amount of stars:</p> <ul style="list-style-type: none"> <li>- Full stars representing integer-part</li> <li>- A remainder from 0.75 and larger gives an extra full star.</li> <li>- If remainder is larger than 0.25 but smaller than 0.75 a half star should be present</li> </ul>	Pass		Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is structured in a table for devices M and larger.</li> <li>For smaller devices each resorts information is presented in a "card".</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass
US-010	TC-015	Check that the resorts is sorted in right order comparing ratings. Highest rating in top.	<ul style="list-style-type: none"> <li>* Navigate to "Top-10 resorts"</li> <li>* Look through the list of resorts and check that it is in the right order with highest ranking in top and lowest in bottom.</li> </ul>	<p>The rankings of resorts should be in falling order.</p>	Pass		Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is structured in a table for devices M and larger.</li> <li>For smaller devices each resorts information is presented in a "card".</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass
US-010	TC-016	Compare which resort is most popular: Zugspitze or Bad Gastein.	<ul style="list-style-type: none"> <li>* Navigate to "Top-10 resorts"</li> <li>* Check which number Zugspitze an Bad Gastein have respectively.</li> </ul>	<p>The resort with lowest number should be the one that has the highest rank and is most popular of the two resorts.</p>	Pass		Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is structured in a table for devices M and larger.</li> <li>For smaller devices each resorts information is presented in a "card".</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass
US-011	TC-017	Cast a vote for a resort.	<ul style="list-style-type: none"> <li>*Navigate to "Top-10 resorts"</li> <li>*Find Trysil</li> <li>* Click at "Pick grad!"</li> <li>* Select "4"</li> </ul>	<p>In place of "Pick grade!" there should be 4 full stars and 1 empty star and then the number 4.</p> <p>The ranking list should be updated when you casted your vote and thus perhaps Trysil is in another place in the list.</p> <p>Check if average rating is changed and check that whole list is correctly sorted.</p>	Pass		Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is structured in a table for devices M and larger.</li> <li>For smaller devices each resorts information is presented in a "card".</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass

US-012	TC-018	Cast a vote for another resort and see that other casted votes remains unaffected.	<ul style="list-style-type: none"> <li>* Navigate to "Top-10 resorts"</li> <li>* Find Val d'Isere</li> <li>* Click at "Pick grade!"</li> <li>* Select "3"</li> </ul>	<p>Check that "Your vote" now has 3 full stars.</p> <p>Check that "Your vote" for Trysil stil has 4 full stars.</p> <p>Check that list is in right order according to ranking.</p>	Pass		Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is structured in a table for devices M and larger.</li> <li>For smaller devices each resorts information is presented in a "card".</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass
US-013	TC-019	Control that rating list is updated after vote is casted.	<ul style="list-style-type: none"> <li>* Reload the page.</li> <li>* Do TC-017 and TC-018 all over again and pay extra attention to that the resorts are sorted according to average ranking.</li> </ul>	<p>The list of resorts should be sorted in order of "rating average" for each resort. Highest rating in top and lowest in bottom.</p>	Pass		Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is structured in a table for devices M and larger.</li> <li>For smaller devices each resorts information is presented in a "card".</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass
US-014	TC-020	Submit votes	<ul style="list-style-type: none"> <li>* Navigate to "Top-10 resorts"</li> <li>* "Pick grade" for one or more resorts.</li> <li>* When you are done go to bottom of list of resorts"</li> <li>* Click on yellow "Submit" button</li> </ul>	<ul style="list-style-type: none"> <li>* A modal pops up telling you "Your email is sent".</li> </ul> <p>When you close the modal: You can see the votes you have submitted under "Your grade". For those resorts you have not given a vote the text at "Your grade" is "No vote casted".</p> <ul style="list-style-type: none"> <li>* Look in mailbox that you have gotten a mail "New ratinglist" with resort names and vote for each resort.</li> </ul>	Pass		Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>* Information is structured in a table for devices M and larger.</li> <li>For smaller devices each resorts information is presented in a "card".</li> <li>* Smaller fonts (14px) on XS devices</li> </ul>	Pass
US-015	TC-021	Send in request for another resort to be shown in page	<ul style="list-style-type: none"> <li>* Navigate to "Add ski resort".</li> <li>* Fill in the form: Resort name: "St Anton" Reason: "It is a very cosy village with good skiing" Name: "Anna Andersson" Email: "anna@gmail.com"</li> <li>* Click on yellow "Submit" button</li> </ul>	<ul style="list-style-type: none"> <li>* A modal pops up telling you "Your email is sent".</li> </ul> <p>When you close the modal: You can see that the form is empty.</p> <ul style="list-style-type: none"> <li>* Look in mailbox that you have gotten a mail "Resort request" with information as filled into</li> </ul>	Pass		Pass	Pass	Pass	Pass	Pass	<ul style="list-style-type: none"> <li>Smaller fonts (14px) on XS devices</li> </ul>	Pass

US-015	TC-022	Form is emptied when request is sent.	* Do TC-021 * Check that form is emptied after information is submitted and modal, with information that email is sent, is closed.	All fields in the form should be reset to initial setting with placeholders.	Pass		Pass	Pass	Pass	Pass	Pass	Smaller fonts (14px) on XS devices	Pass
US-015	TC-023	Send request without resort	* Navigate to "Add ski resort". * Fill in the form: Resort name: Do not fill this in Reason: "It is a family place" Name: "David Davidsson" Email: "david@gmail.com" * Click on yellow "Submit" button	A message telling you to fill in field with resort name. The form is not submitted. And you do not receive an email.	Pass		Pass	Pass	Pass	Pass	Pass	Smaller fonts (14px) on XS devices	Pass
US-015	TC-024	Send request without name	* Navigate to "Add ski resort". * Fill in the form: Resort name: "Idre" Reason: "It is good for families" Name: Leave this empty! Email: "johan@gmail.com" * Click on yellow "Submit" button	A message telling you to fill in field with your name. The form is not submitted and you do not receive an email.	Pass		Pass	Pass	Pass	Pass	Pass	Smaller fonts (14px) on XS devices	Pass
US-015	TC-025	Send request with an incorrect mailaddress containing no "@".	* Navigate to "Add ski resort". * Fill in the form: Resort name: "Livigno" Reason: "Not only good skiing and sun but also inexpensive" Name: "Johan Johansson" Email: "carina.palmqvist" * Click on yellow "Submit" button	A message telling you to you have to have a "@" in the email address. The form is not submitted and you do not receive an email.	Pass		Pass	Pass	Pass	Pass	Pass	Smaller fonts (14px) on XS devices	Pass
US-015	TC-026	Send request with no mailaddress	* Navigate to "Add ski resort". * Fill in the form: Resort name: "Tignes" Reason: "It is the best resort in the Alps" Name: "Johan Johansson" Email: Leave this empty! * Click on yellow "Submit" button	A message telling you to fill in field with email address. The form is not submitted and you do not receive an email.	Pass		Pass	Pass	Pass	Pass	Pass	Smaller fonts (14px) on XS devices	Pass

US-015	TC-027	Provoke something wrong in the code so error message appears when trying to submit a request for other resort.	* Tell programmer to change to wrong template name in emailjs.sendform * Do as in TC-021	A modal pops up telling you that an error occurred. The form is emptied/reset. No email in the mailbox.	Pass		Pass	Pass	Pass	Pass	Pass	Smaller fonts (14px) on XS devices	Pass
US-016	TC-028	Carousel under header.	* Open page * Look at carousel with 4 pictures under "Downhill Skiing Destinations in Europe"	You should see 4 different pictures at 5 s interval. Check that pictures look good in proportions.	Pass		Pass	Pass	Pass	Pass	Pass		Pass