

I went back through the storyboards and articulated these people's needs into a list.

- Know the current temperature at different points on the mountain
 - Base
 - Mid
 - Peak
- Know what the temperature will be in the future
- Know the current base snowfall
- Know of any snowfall anticipated in the future
- Know if territories are open or closed
- Know if lifts are open or closed
 - Know when they're anticipated to re-open
- Know if runs are open or closed
 - Know when they're anticipated to re-open
- Access restaurant hours
- Know restaurant menu
- Retrieve restaurant location

- Know restaurant pricing
- Receive info on how to navigate to a desired location
 - Based on desired path (greens, blues, quick as possible, etc.)
- See all of the runs that a lift services
- Learn about characteristics of runs
 - Profile (showing distance, steepness, etc.)
 - Description (a written description of the run)
- The ability to compare two runs
- Check whether or not a run has been groomed
- Know when friends have gotten on or off lifts
- Know when friends have checked into a facility (restaurant, shop, etc.)
- Know if friends are at the park

- Know if friends are planning on coming to the park
- The ability to notify group in the event of a crash
 - Indicate the severity
- An organized approach to the trip, all the way from planning to arrival
- Know the condition of the pass
- Stay connected and updated on children's ski lessons
- Keep away from icy runs
- Find alternate routes to avoid ice
- Know how far they traveled on the slopes at the end of the day
- Know their average speed on the slopes at the end of the day

This led to a list of ideas about what this app should possess.

Temperature forecast	Restaurant location	Which friends are planning on coming to the park The ability to notify group in the event of a crash.
Current temperature at different points on the mountain. (Base, Mid, Peak)	Restaurant pricing	
Snowfall forecast	Navigation (gives you directions on how to navigate to a desired location)	A checklist to keep track of all the steps you need to go through in order to plan a successful ski trip. (lodging, rentals, lift passes, etc.)
Current base snowfall	The runs that a lift services	The road conditions of the pass (the road leading up through the mountains to the ski resort.)
When the last snowfall was	Run Profile (showing distance, steepness, etc.)	
Territory status (open/closed)	Run Description (a short written description of the run)	A schedule showing your child's ski school plan for the day.
Lift status (open/closed)		Icy status (whether or not a run has ice on it)
When Lifts are anticipated to re-open	Run comparison (let's you compare the characteristics of two runs)	Distance traveled (the distance that you traveled throughout the day.)
Run status (open/closed)	Groomed status (whether or not a run is groomed)	
When runs are anticipated to re-open	What lifts friends have gotten on and when.	Average speed (the average speed you went while skiing throughout the day.)
Restaurant hours	What facilities (restaurant, shop, etc.) friends have been to and when.	Interactive Map (much like a paper map, but lets you investigate landmarks, much like apple maps.)
Restaurant menu	Which of your friends are at the park.	

I then took this list of ideas and got potential users to go through card sorting exercises with them.



After the card sorting exercises, I had these ideas organized into groups that conceptually made sense.

CLOSURES	CONDITIONS	HOSPITALITY
Lift status (open/closed)	Groomed status (whether or not a run is groomed)	The road conditions of the pass (the road leading up through the mountains to the ski resort.)
Run status (open/closed)	Current temperature at different points on the mountain. (Base, Mid, Peak)	Restaurant hours
Navigation (gives you directions on how to navigate to a desired location)	Current base snowfall	Restaurant menu
Territory status (open/closed)	Snowfall forecast	Restaurant location
When runs are anticipated to re-open	The ability to notify group in the event of a crash.	Restaurant pricing
When Lifts are anticipated to re-open	Temperature forecast	A checklist to keep track of all the steps you need to go through in order to plan a successful ski trip. (lodging, rentals, lift passes, etc.)
	Icy status (whether or not a run has ice on it)	A schedule showing your child's ski school plan for the day.
	When the last snowfall was	

CONNECTIVITY

What lifts friends have gotten on and when.

What facilities (restaurant, shop, etc.) friends have been to and when.

Which of your friends are at the park.

Which friends are planning on coming to the park

RUN PROFILES

Run Profile (showing distance, steepness, etc.)

Run Description (a short written description of the run)

Run comparison (let's you compare the characteristics of two runs)

Interactive Map (much like a paper map, but lets you investigate landmarks, much like apple maps.)

The runs that a lift services

PERSONAL STATS

Distance traveled (the distance that you traveled throughout the day.)

Average speed (the average speed you went while skiing throughout the day.)