

Task Analysis : Search

	1. Specify search criteria	2. Search	3. See search result
Personas	Comments	Comments	Comments
1. Group by user's knowledge			
1.1 User knows site's name and location	User can select the site without searching.		
1.2 User knows site's name but doesn't know its location.	User can search the site by site's name.	The system should show a list of sites that matches the location or notify that there is not any site matches.	
1.3 User knows site's location but doesn't know its name.	User can search the site by site's location.	The system should show a list of sites that matches the name or notify that there is not any site matches.	
1.4 User doesn't know anything about the site.	User can search the site by other criteria.	The system should show a list of sites that matches the criteria or notify that there is not any site matches.	
2. Group by reserve duration			
2.1 User wants a specific beginning and ending time of the reservation.	The system should have reserve duration in the criteria.	The system should show a list of sites that match the specified reserve duration, but if there are not any resources match, it should offer the available time of sites which match in CPU and memory criteria.	User can see more detail of sites in the results. and the system should have an easy way for reserving.
2.2 User wants to specify only the reservation length.			
2.3 User wants to specify the reservation length in some specific duration.			
3. Group by reservation type			
3.1 Single cluster on a single site		If there are not any resources enough, the system should suggest user to reserve on multiple sites instead.	
3.2 Single cluster spanning multiple sites		User can choose the reservation type.	
3.3 Multiple clusters on multiple sites			