

Risk Management:

Risk ID	Description of Risk	Type	Probability (0-1)	Impact (low, med, high)	Exposure	Prevention Strategy	Mitigation Plan	Status
1	User reserves multiple time slots a day	App design	0.2	0.7	0.14	At the moment of making a reservation, the system shall verify if there is any other reservation under the user's ID.		
2	User gains non-permitted access to a different user account	App design	0.3	0.9	0.27	The use of direct links to a user's account will redirect you to the login page. The only method of access into an account shall be through the input of the correct credentials through the login page.		
3	System cannot handle the amount of users	App term services	0.5	1	0.5		Migrate to the application to the Cloud and benefit the scalability it offers	
4	User gains non-permitted access to admin account	App design	0.1	1	0.1	Protect the administrator account with securised passwords		
5	System registers an available time as occupied	App functioning	0.6	0.4	0.24	System shall verify that occupied time slots are related to a user ID.		
6	System registers an occupied time as available	App functioning	0.6	0.6	0.36	System shall periodically verify if users have a related time slot and whether that time slot is marked as available or not.		

7	There is a power failure in the servers where the application information is stored	External	0.7	1	0.7		If the servers are private - use an energy generator. If they are shared virtually (in the Cloud) there is no possible prevention or mitigation.	
8	Changes in initial budget (budget cuts from investors/stakeholders)	External	0.3	0.5	0.15		Redesign the budget and adjust the costs	
9	Vulnerability in the security of the user privacy	App design	0.2	0.9	0.18	Encode users' password using asymmetric encoding		
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