

Aides = non blind users	Users = blind users	Risk is from (1-10) 10 being high risk. Client value is (1-10) 10 being high value						
Backlog Item	Sub Items	Cost	Risk	Client Value	Sprint	How to Demo	Notes	User Story
Client User Authentication			10	10				As a blind user i would like to be able to log into my account.
	Support user registration	3			1	Go to login page, type in desired username/password finish registration		
	Support User Login	3			1	Go to login page, type in username/password login		
	text to speech support	5			2		HTML 5 standards https://github.com/kripken/speak.js	
Aide User Authentication			10	10				As an aide i would like to be able to create an account and login to see my clients
	Support user registration	3			2	Go to login page, type in desired username/password finish registration		
	Support user login	3			2	Go to login page, type in username/password login		
Access control			8	8			To be able to add and remove aides from seeing your grocery list	
	Users need to be able to add/remove aides to see their shopping lists	8			2	Login as user, go to edit aides page, add/edit aides		
	Aides should be able to see a list of the users they are linked with	3			2	Login as aide that has at least one user, go to view linked users page for aides		
	Semi private shopping lists	3			2	Go to direct link for list while not logged in	Shopping lists are not searchable, however given a link to a shopping list, there is no authentication required to view it. Links will use random hash	
	Review and edit own shopping list	7			2	Login as user, go to edit list page, edit list		As a user i want the ability to review my shopping list and add or remove items manually
Scan item (frontend)			10	10				As a user i should be able to scan in an item and have it record the transaction for both adding and removing inventory
	Scan-in audio feedback	4			2		some form of feedback to specify add or remove and confirm transaction	
	Build UI	3			1	Go to scan in page		
	Build Javascript to post ajax requests for transactions	4			1	Go to scan in page, scan item		
	Toggle between add and remove	5			1	Go to scan in page, hit toggle button		
Scan item (backend)			10	10				
	Handle post request	9			1	Scan item, see response	Look up UPC, and respond appropriately	
	Log transactions	3			2	Scan item, check database	Adding and removing inventory from a user's history	
Database management			8	8				
	UPC database handling	3			1	Scan item, see response		
	Build Data abstraction model	9			1			
	Build Schemas for Users, Aides and shopping lists	2			1			
Build Grocery list			10	10				

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	Compiling data for building a grocery list	10			2			
	Convert grocery list to plain text	4			1			
	Allow aides to read grocery lists	3			2			
	Present grocery list in plain text	3			1	Request list, view list		
	Provide email option	3			2	Request email, check email		
Expiration tracking			3	3	3		We may need to make assumptions on the shelf life of certain items	As a user i would like if the application would track the expiration dates on items
	research	3			3			
	Add expired items to shopping list	?			3			
	Inform user that item has expired	?			3			
UX testing			7	7	3		May need several iterations - also need to figure out how to test with blind users	
History tracking			5	5				
	View inventory (current)	5			3			as an aide i want to be able to see what my client has in stock
	View past items	5			3			As a user i would like to look at items i have used in the past
Build mobile support			1	1				
	Research	4			3			
	Remote scanning for aides	?			3			
Deliverables								
	Project and Sprint 1 plan	5	10		1		Cost is per person	
	Weekly Reports	2	10				Cost is per person	
	Inspection Reports	3	10				Cost is per person	
	Sprint Requirements and Plan Content	3	10		1		Cost is per person	
	Architecture and High-Level Design Contents	8	10		1		Cost is per person	
	Test Plan Content	8	10				Cost is per person	
	Final Project Presentation	2	10				Cost is per person	
	Individual Reflection	2	10				Cost is per person	
	Project Report	5	10				Cost is per person	
	Peer Inspection	2	10				Cost is per person	
Client Documentation		n/a					ongoing and variable	
	Total Cost	160						
	Sprint 1 total	64						
	Sprint 2 total	55						
	Sprint 3 total	17						