

Closed UseCases						
Register	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	8	Simple	59.8		Username, Email, Password, Repeat Password, Name, Surname, Birthdate, Submit button	Usergroup
Number of User Outputs	13	Simple			Empty Error * 7, non unique mail, non unique user, passwords do not match, not valid email, too short password	Usergroup
Number of User Inquiries	3	Simple			Backend request: Register, Verify	Usergroup
Number of Files	1	Simple		User	Username, Email, Password, Repeat Password, Name, Surname, Birthdate, Submit button	
Number of External Interfaces	0	Simple				
Login	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	3	Simple	24.7		Username or Email, Password, Submit button	Usergroup
Number of User Outputs	3	Simple			Empty Error *2, incorrect input	Usergroup
Number of User Inquiries	1	Simple			Backend request: Login	Usergroup
Number of Files	2	Simple		User, Accesstoken	Username or Email, Password, Submit button	
Number of External Interfaces	0	Simple				
Add Item To Fridge	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	7	Simple	59.15		Name, Description, Buydate, Store, Expiration Date, Amount, Unit	Fridgegroup
Number of User Outputs	8	Simple			Empty Error * 7, invalid input	Fridgegroup
Number of User Inquiries	1	Simple			Backend request: Add item	Fridgegroup
Number of Files	5	Simple		Fridge Content, Store, Item, Providers, Accesstoken	Name, Description, Buydate, Store, Expiration Date, Amount, Unit	
Number of External Interfaces	0	Simple				
Remove Item From Fridge	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	2	Simple	26.65		Delete Button, Submit Button	Fridgegroup
Number of User Outputs	2	Simple			Snackbar	Fridgegroup
Number of User Inquiries	2	Simple			Backend request: Remove Item	Fridgegroup
Number of Files	3	Simple		Fridge Content, Providers, Accesstoken	Item ID, Fridge ID	
Number of External Interfaces	0	Simple				
Get Item From Fridge	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	1	Simple	22.75		Fridge button	Fridgegroup
Number of User Outputs	2	Simple			Item list	Fridgegroup
Number of User Inquiries	1	Simple			Backend request: Get Items	Fridgegroup
Number of Files	3	Simple		Fridge Content, Providers, Accesstoken	Fridge ID, Item ID	
Number of External Interfaces	0	Simple				
Future UseCases						
Manage Account	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	8	Simple	60.45		Username, Email, Password, Repeat Password, Name, Surname, Birthdate, Submit button	Usergroup
Number of User Outputs	13	Simple			Empty Error * 7, non unique mail, non unique user, passwords do not match, not valid email, too short password	Usergroup
Number of User Inquiries	1	Simple			Backend request: Patch User	Usergroup
Number of Files	2	Simple		User, Accesstoken		
Number of External Interfaces	0	Simple				

Delete Account	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	2	Simple	20.15		Delete Button, Confirm Button	Usergroup
Number of User Outputs	2	Simple			Error Popup, Delete Successful	Usergroup
Number of User Inquiries	1	Simple			Backend requests: Delete User	Usergroup
Number of Files	2	Simple		User, Accesstoken		
Number of External Interfaces	0	Simple				
Join Fridge	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	3	Simple	31.2		Join button, QR-Scanner, Link	Fridgegroup, Usergroup
Number of User Outputs	2	Simple			Failed to join, Successful	Fridgegroup, Usergroup
Number of User Inquiries	1	Simple			Backend requests: Join fridge	Fridgegroup, Usergroup
Number of Files	4	Simple		Fridge, Userfridge, Accesstoken		
Number of External Interfaces	0	Simple				
Remove User From Fridge	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	2	Simple	20.15		List of Users, confirm button	Fridgegroup, Usergroup
Number of User Outputs	2	Simple			Failed to kick, Successful	Fridgegroup, Usergroup
Number of User Inquiries	1	Simple			Backend requests: Remove user	Fridgegroup, Usergroup
Number of Files	2	Simple		Userfridge, Accesstoken		
Number of External Interfaces	0	Simple				
Sync Fridge	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	1	Simple	31.2		Swipe gesture	Fridgegroup
Number of User Outputs	2	Simple			Sync failed, new fridges	Fridgegroup
Number of User Inquiries	3	Simple			Backend requests: Fetch all fridges, fetch all items, fetch all contents	Fridgegroup
Number of Files	4	Simple		Userfridge, Fridgecontent, Items, Accesstoken		
Number of External Interfaces	0	Simple				
Invite User To Fridge	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	2	Simple	22.75		Generate QR, generate link	Fridgegroup, Usergroup
Number of User Outputs	3	Simple			QR, link, failed to generate	Fridgegroup, Usergroup
Number of User Inquiries	1	Simple			Backend request: Generate Invitation	Fridgegroup, Usergroup
Number of Files	2	Simple		Accesstoken, User		
Number of External Interfaces	0	Simple				
Add Admin	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	2	Simple	20.15		Userlist, confirm button	Fridgegroup, Usergroup
Number of User Outputs	2	Simple			Successful, failed	Fridgegroup, Usergroup
Number of User Inquiries	1	Simple			Backend request: Edit privileges	Fridgegroup, Usergroup
Number of Files	2	Simple		Accesstoken, UserFridge		
Number of External Interfaces	0	Simple				
Remove Admin	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	2	Simple	20.15		Userlist, confirm button	Fridgegroup, Usergroup
Number of User Outputs	2	Simple			Successful, failed	Fridgegroup, Usergroup
Number of User Inquiries	1	Simple			Backend request: Edit privileges	Fridgegroup, Usergroup
Number of Files	2	Simple		Accesstoken, UserFridge		
Number of External Interfaces	0	Simple				
Edit Fridge Information	Count	Weighting Factor	Function Points	RET	DET	FTR
Number of User Inputs	2	Simple			Name, Description	Fridgegroup

Number of User Outputs	2	Simple	20.15		Successful, failed	Fridgegroup
Number of User Inquiries	1	Simple			Backend request: Edit fridge	Fridgegroup
Number of Files	2	Simple		Accesstoken, Fridge		
Number of External Interfaces	0	Simple				