



Canteen Management System

Issue Meal for Kiosk App

Version 1.0.0

Business Case Document of Issue Meal for Kiosk App

The version of this document is V1.0.0

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Table of Contents

1. Business Cases	7
1.1 Screen Layout / Design.....	8
1.2 Business Case.....	9
2. Alerts.....	13
3. Workflow	14
4. Reports.....	14
5. User Access and Data Visibility Matrix	17
5.1 Abbreviation for User Role	17
5.2 User Access Matrix.....	17
5.3 Data Visibility Matrix.....	18
6. Dashboards	19
7. Security Requirement.....	21
8. Impact Analysis.....	21
9. Risk Analysis	21
10. Business Benefit	22
11. Possible Drawbacks	22
12. Justification for Change.....	22
13. Security Requirement Elicitation and How to Do it	23
13.1 Key Information Security Objectives and Sample Actions	23
13.2 Security Measures and Associated Mechanism Samples	24
14. Requirement Acceptance	25
15. Change Control	26

Table of Figures

No table of figures available.

Preface

Audience to this Document

Welcome to the PeoplesHR Business Case Document. This document assumes you have a working knowledge of the principles and customary practices of your business area. This document is aimed at both Administrative Users and Application End Users.

Online Documentation

The module is powered by HTML based online help. The HTML version of this guide is optimized for onscreen reading, and you can use it to follow hypertext links for easy access to other HTML guides in the library. You can use the Search feature to search by words or phrases.

You can use the expandable menu to search for topics in the menu structure we provide. The Library option on the menu expands to show all HTML documentation.

Common Features

All PeoplesHR modules contain a standard set of common features. You need to refer the HRM Enterprise Common Features document to get a comprehensive knowledge on the functionality of the common features of the product.

Localizations

The terminology used in the product may not always be compatible with the vocabulary of your sociopolitical and economic context. This product supports localizations and such configurations are executed upon requests made to us during the initial requirement gathering sessions.

Support

From on-site support to central off-site support, our team of experienced professionals provides the help and information you need to keep PeoplesHR working for you. This team includes your Technical Representative, Account Manager, and hSenid's large staff of consultants and support specialists with expertise in your business area, managing the environment as per the mutually agreed support agreement.

Special Note



Do Not Use Database Tools to Modify Applications Data.

Never use any application of server browsers to alter any data in the data base unless we inform you through this document.

If modify Applications data, you risk destroying the integrity of your data and you lose the ability to audit changes to your data. Because Applications tables are interrelated, any change you make using an HRM Enterprise form can update many tables at once. But when you modify data using anything other than application forms, you might change a row in one table without making corresponding changes in related tables. If your tables get out of synchronization with each other, you risk retrieving erroneous information and you risk unpredictable results throughout PeoplesHR Application.

Your Feedback

Thank you for using PeoplesHR and this document. We value your comments and feedback. This document contains a Reader's Comment Form; which you can use to explain what you like or dislike about PeoplesHR or this user document. Mail your comments to the following address or call us directly at +94 11 4 621111.

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Or send mail feedback to appdocs@hsenid.lk

1. Business Cases

Issue Meal for Kiosk App

Module	Canteen Management System
Section	Issue Meal For Kiosk App
Sub Section	
Business Case ID	1.0.0
Status	Ongoing
Current Version	1.0.0
Date	02/01/2023

Revision History (Change history of this document)			
Date	Current Version	Author	Description
02/01/2023	V 1.0.0	Ali Hasan Mito	Initial BCD for issue meal page for the Kiosk app for windows environment in canteen management system

1.1 Screen Layout / Design

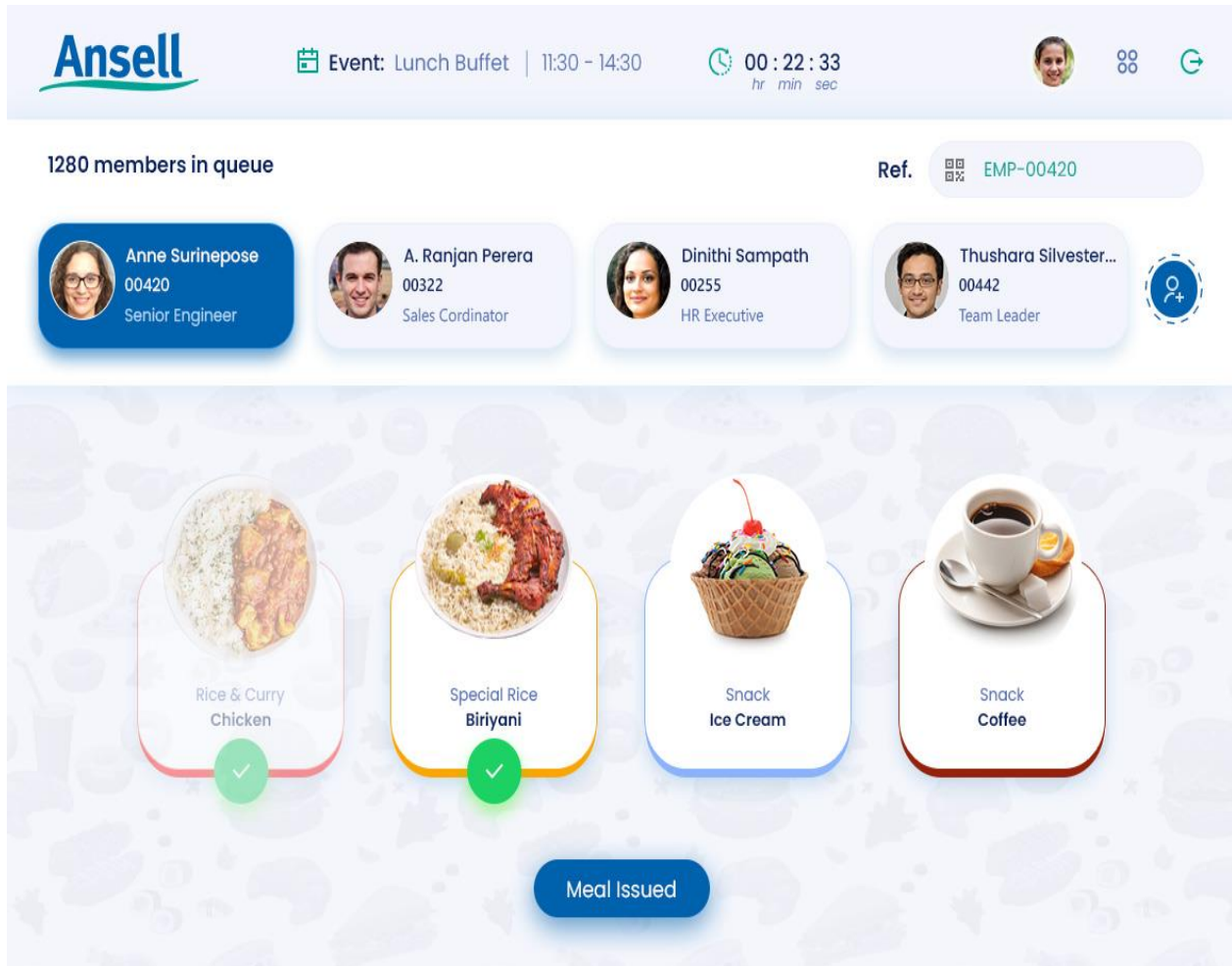


Figure 01: Issue meal page with queue of employees and meals to be assigned

1.2 Business Case

Business Case Users [Who uses/ performs this particular business function?]

Kiosk Handler

Business Problem [The business problem to be resolved?]

Currently there is no specific kiosk app available in canteen management system in our existing HRM. To solve this issue, a dedicated kiosk app needs to be developed which can be run in a windows operating system environment in a kiosk machine to serve the purpose.

Business Case Overview [Overview of the business process?]

Issue meal page for the kiosk app

Business Requirement [What business conditions to be met by this process?]

1. List of employees in the meal order queue should be shown
2. Event details like event name, event time and serve time to assign a meal should be shown.
3. List of food items that are in queue to be assigned should be shown.

Pre-Conditions [What pre – conditions to fulfill prior to this business process?]

1	Kiosk handler has the access to the app to interact with the features
2	
3	
4	
5	

Add more if required

Business Rules [What are the specific rules?]	
1	N/A
2	
3	
4	
5	

Add more if required

Main Event List / Flow of Events	
On initial display [How does this UI get initiated? From which menu item? Whether it comes with a summary view of a blank screen?]	
After clicking sign in button in the log in page, this issue meal page appears	
On User Interaction [What are the sequences of activities user performs using this UI to fulfill the business process? Please indicate as a logical sequence]	
01.	In this page, Certain Company logo, Event name will be shown with event time alongside and the time to serve a meal will also be counted.
02.	On the top right corner, kiosk handler's profile icon, navigation dropdown icon, log out button is shown.
03.	Total Number of employee is queue to assign a meal is shown.
04.	In reference field, the employee number is shown.
05.	Employee list will be shown as queue and the first employee in queue will be shown as selected.
06.	Different meal items will be shown in different colors, assign meals to an employee by clicking meal issued button.
07.	Click on employee icon button to see the list of employees in the further queue.

On user exit [Is there any processes getting triggered when user exit the business process?]	
1	N/A
2	
3	
4	
5	

Add more if required

On user terminate business case [What happen if user exits the form without completing the business process? Exit with saved up to date data? Exit without save? Generate cautious message?]	
1	N/A
2	
3	
4	
5	

Add more if required

Post Conditions [Any other post exit conditions? such as scheduled tasks?]	
1	N/A
2	
3	
4	

5	
---	--

Add more if required

Messages			
Ref No	Event [When to prompt?]	Message [Message content]	Post Message [Post Actions]
1	N/A		
2			
3			
4			
5			

Add more if required

[illegible]

Field Type: [Character / **N**umber / **D**ate / Logical]

Edit Ability: Can user edit the values in this field using this UI / business process?

Button Characteristics	
Button Name	Behavior [What is the functionality of the button?]
Meal issued	Click on this button assign a specific meal to a specific employee

Add more if required

2. Alerts

Alert No	Alert Name	Event [On what event does this alert get activated?]	Alert Text [What is the content of the alert?]	Recipient [Who are the recipients?]	Frequency [What is the frequency of the alert to generate? Daily? Monthly? 2 nd day of the month?]
1					
2					
3					
4					
5					
6					

Add more if required

3. Workflow

Alert No	Alert Name	Event [On what event does this alert get activated?]	Alert Text [What is the content of the alert?]	Recipient [Who are the recipients?]	Frequency [What is the frequency of the alert to generate? Daily? Monthly? 2 nd day of the month?]
1					
2					
3					
4					
5					
6					

Add more if required

4. Reports

- **Note:** Duplicate the template for each report

Report Title [Name of the Report]	
Purpose [Purpose of the Report].	
Audience [Who views this information?]	
DB Information [On what DB the report should be developed?]	
Header [Details of the header section. Provide require logos to appear]	
Footer [Details of the footer section. Default information are COPYWRITE CLAUSE, PG NO, DATE/TIME OF PRINT]	

Body of report [Field list in the order of the appearance]

#1	
#2	
#3	
#4	
#5	
#6	
#7	
#8	
#9	
#10	
#11	
#12	
#13	
#14	
#15	
#16	

Add more if require

Groups [Data Grouping Information in the sequence of appearance]

#1	
#2	
#3	
#4	
#5	

Add more if require

<p>Sorting [Indicate Sorting in the sequence require to be sorted]</p> <p>A: Ascending D : Descending</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">#</th> <th style="width: 70%;">Field</th> <th style="width: 20%;">A/D</th> </tr> </thead> <tbody> <tr><td>#1</td><td></td><td></td></tr> <tr><td>#2</td><td></td><td></td></tr> <tr><td>#3</td><td></td><td></td></tr> <tr><td>#4</td><td></td><td></td></tr> <tr><td>#5</td><td></td><td></td></tr> </tbody> </table> <p>Add more if require</p>	#	Field	A/D	#1			#2			#3			#4			#5			<p>Record Selection [Indicate the report parameter list in the sequence of selection]</p> <p>Selection mode</p> <p>Single Select : S Multi select :M Text entry :T Number entry : N</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">#</th> <th style="width: 70%;">Parameter</th> <th style="width: 20%;">S/M/T/N</th> </tr> </thead> <tbody> <tr><td>#1</td><td></td><td></td></tr> <tr><td>#2</td><td></td><td></td></tr> <tr><td>#3</td><td></td><td></td></tr> <tr><td>#4</td><td></td><td></td></tr> <tr><td>#5</td><td></td><td></td></tr> </tbody> </table> <p>Add more if require</p>	#	Parameter	S/M/T/N	#1			#2			#3			#4			#5		
#	Field	A/D																																			
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#	Parameter	S/M/T/N																																			
#1																																					
#2																																					
#3																																					
#4																																					
#5																																					

Calculations or Formulas [Descriptions of the calculation formulas]		
#	Calculation	Any Special factors to be considered
#1		
#2		
#3		
#4		
#5		
Add more if require		

Summarized Data [Details of Summary Data on the sequence of appearance]	
#	Summary Area
#1	
#2	
#3	
Add more if require	
Key information/Formatting [Any additional instructions]	

5. User Access and Data Visibility Matrix

5.1 Abbreviation for User Role

User Role [Description of the User Role identified Eg: Head of Human Resource]	Abbreviation [Abbreviation of the user roles identified. Eg: HoHR]
User who will assign meals to the employees	Kiosk App Handler
You may add additional records.	

5.2 User Access Matrix

- C - Create
- U - Update

- D - Delete
- R - Read
- N/A - Not Applicable

Interface/Menu Item [Name of the interface or Menu Item]	User Role <i>[Abbreviation of the user role]</i>				
	N/A				
You may add additional records.					

5.3 Data Visibility Matrix

- All Data / My Data / Territorial Data (Department wise) / Team Data)

Interface/Menu Item [Name of the interface or Menu Item]	User Role <i>[Abbreviation of the user role]</i>				
	N/A				
You may add additional records.					

6. Dashboards

Note: Duplicate the template for each dashboard

Dashboard Title					
Preferred Chart ID [Specify the chart ID from the catalogue]					
Audience [Who should view the details in the chart]					
Source Module(s) [Modules that provide data for the dashboard]					
Dashboard Category [The category (tab) the dashboard should appear]					
Purpose/Description					
Axis Titles	X			Y	
Calculations [Dashboard formulas]					
Data Series special conditions [Conditions to be fulfil by the data series eg : Service >=3 Yrs]					
Dashboard Parameters					
Drill Down Charts					
DUPLICATE BELOW SECTION FOR THE NUMBER OF DRILL DOWN CHARTS REQUIRE					
Drill Down level L1 / L2 / L3 / L4 / L5 [Levels to use in sequential order. Supported up to 5 levels]					

Drilled down dashboard title			
Purpose/Description of selected level chart			
Preferred Chart ID [Specify the chart ID from the catalogue]			
Axis Titles	X		Y
Calculations [Dashboard formulas]			
Data Series special conditions [Conditions to be fulfil by the data series in current drill level]			

7. Security Requirement

8. Impact Analysis

9. Risk Analysis

Known Threats	Impact	Primary concerns (C/I/A)	Possibility of occurrence	Responsibility(Name and contact)

10. Business Benefit

This kiosk app will be available for all the clients of hSenid Business Solutions PLC if they want to purchase.

All the clients will be benefited from this if they use it as it will reduce their hassle to manage their meal management by saving cost and time through enhancing productivity.

11. Possible Drawbacks

N/A

12. Justification for Change

For large number of employees in a certain organization this kiosk app will stream line their process further of meal management by reducing complexity.

13. Security Requirement Elicitation and How to Do it

13.1 Key Information Security Objectives and Sample Actions

The following table contains the key information security objectives and sample actions that need to take to reach each objective. You may use this as a reference while eliciting information security requirements linked with each business requirement.

Category	Actions
Integrity	Categorize data/assets and determine what kind of data need to be protected and validated when it already exists in the system, or, when communicating with external systems/components. The software must be protected from subversion, which may include corruption, tampering, overwriting, destruction, insertions or deletions. So, integrity must be preserved both during the software development and during its execution.
Confidentiality (Including privacy)	Protect the user private information to prevent unauthorized access. Procedures shall be established and implemented effectively to ensure only designated individuals have access to the system/application, run commands, execute procedures, create and modify objects/views. It also must prevent against reverse engineering. Another good practice is monitoring all the application activities.
Availability	Make sure all resources are available for authorized user (humans and processes). Protect the application/system to avoid the intruder breaks down the service using, for example, DoS (Denial of Service) or DDoS (Distributed Denial of Service) attacks.
Accountability (including non-repudiation)	Comprehensive account management mechanisms shall be established to: identify account types, establish conditions for group's membership and assign associated authorizations. Account control mechanisms to support procedures shall be properly developed, documented and implemented, to authorize and monitor the use of guest/anonymous accounts and to remove, disable, or otherwise secure, unnecessary accounts. Code signing and code access authorization may mitigate accountability issues.
Authentication/ Authorization	Process to validate a user's logon information shall be enforced to manage the access to restricted area. The problems faced during authentication include encryption, transmittal, and storage of passwords, session re-playing, and spoofing. A log control is very important in this phase to allow posterior auditing. Authorization is about determining what resources an authenticated person has access to the system. Accumulation of many privileges over time is a serious problem the system administrator should be concerned.

13.2 Security Measures and Associated Mechanism Samples

The following table includes some sample security measures and associated security mechanisms. You may use this as a reference while elaborating on security measures and associated mechanisms.

Security Measure	Associated Security Mechanisms
Access Control	Biometrics; Certificates; Multilevel security; Passwords and keys; Reference monitor; Registration; Time limits; User permissions; VPN
Security Policy	Administrative privileges; Malware detection; Multilevel security; Reference monitor; Secure channels; Security session; Single access point; Time limits; User permissions; VPN
Non-repudiation	Administrative privileges; Logging and auditing; Reference monitor
Physical Protection	Access cards; Alarms; Equipment tagging; Locks; Offsite storage; Secured rooms; Security personnel
System Recovery	Backup and restoration; Configuration management; Connection service agreement; Disaster recovery; Off-site storage; Redundancy
Attack detection	Administrative privileges; Alarms; Incident response; Intrusion detection systems; Logging and auditing; Malware detection; Reference monitor
Boundary Protection	DMZ (Demilitarized Zone); Firewalls; Proxies; Single access point; VPN

14. Requirement Acceptance

Issue Meal for Kiosk App - BUSINESS CASE DOCUMENT

Acceptance and Sign Off by

We have read carefully the contents of the Business Case document Issue Meal for kiosk app provided by hSenid Business Solutions PLC.

We hereby confirm that the details contained in this document are in line with the requirements of to the above title.

Name:

Signature:

Date:

Name:

Signature:

Date:

On behalf of hSenid Business Solutions PLC.

Name:

Signature:

Date:

15. Change Control

Version	Date	Description	Author
V.1.0			