

Business Rule

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Table 1: Business Rule 1 - Functional Business Rule

Action	Functional Business Rule
Name:	Users sign up.
Identifier:	BR1
Description:	Users should have an account in order to use the application.
Reasoning:	Users must sign up for an application account to log-in if he or she does not have one.

Table 2: Business Rule 2 - Functional Business Rule

Action	Functional Business Rule
Name:	Users access to account.
Identifier:	BR2
Description:	Users can only access their application account if they know their password.
Reasoning:	Tenured users should know the password to the application account.

Table 3: Business Rule 3 - Functional Business Rule

Action	Functional Business Rule
Name:	Tenured users may administer account information.
Identifier:	BR3
Description:	Only tenured users are granted the ability to initially input, modify, and delete bank accounts information.
Reasoning:	Since the user is the owner of the account, they have the authority to manage their account information.

Table 4: Business Rule 4 - Functional Business Rule

Action	Functional Business Rule
Name:	Tenured users must have valid bank account.
Identifier:	BR4
Description:	Only tenured users are granted the ability to add multiple banks accounts to calculate his total spending if their bank accounts are legal.
Reasoning:	If their bank accounts are non existent, then there is no need to add banks accounts.

Table 5: Business Rule 5 - Functional Business Rule

Action	Functional Business Rule
Name:	Display tenured users' bank account
Identifier:	BR7
Description:	Only tenured users are granted the ability to display their bank accounts information.
Reasoning:	The owner of the account can see their bank accounts once they have log-in.

Table 6: Business Rule 6 - Non Functional Business Rule

Action	Non Functional Business Rule
Name:	Response time should be fast.
Identifier:	BR8
Description:	During the use of the application, the response time of the app must be fast, so windows and pop-ups should respond quickly.
Reasoning:	The user must be able to use the application without any delay.

Table 7: Business Rule 7 - Non Functional Business Rule

Action	Non Functional Business Rule
Name:	Usability of the application.
Identifier:	BR9
Description:	The application must be easy to use and learn for the user.
Reasoning:	Installation of the system should be easy and require very little, if any, decisions from the user beyond choosing to install the system. With no training, a user should be able to intuitively learn and use the system in a short amount of time.

Table 8: Business Rule 8 - Non Functional Business Rule

Action	Non Functional Business Rule
Name:	Reliability
Identifier:	BR10
Description:	At any given time, the application should be reliable, so it should not crash when the user is currently accessing it.
Reasoning:	We want to guarantee this same level of reliability, that is, that our system's reliability is only constrained by the reliability of the banks servers.

Table 9: Business Rule 9 - Non Functional Business Rule

Action	Non Functional Business Rule
Name:	Capacity
Identifier:	BR11
Description:	The application should be able to handle any amount of bank account being created.
Reasoning:	User may have a finite amount of bank accounts, so the application must be able to handle that exact same amount in order to satisfy the user's needs.

Table 10: Business Rule 10 - Non Functional Business Rule

Action	Non Functional Business Rule
Name:	Data Integrity
Identifier:	BR12
Description:	Bank account information displayed must the same as the data stored in the database.
Reasoning:	The displayed information must be the exact same data as the user has inputted.

Table 11: Business Rule 11 - Non Functional Business Rule

Action	Non Functional Business Rule
Name:	Modified Data
Identifier:	BR13
Description:	If user has modified or inputted a new data, the modified data should be updated within 2 seconds to the database.
Reasoning:	In order to display the correct information, the database must be quickly updated when there is a new modified data.

Table 12: Business Rule 12 - Non Functional Business Rule

Action	Non Functional Business Rule
Name:	Utilization
Identifier:	BR14
Description:	At any given time, the application can be accessed by the user except if there is maintenance.
Reasoning:	One of the business goals is that the software will be used by an user, so the application must be accessible at all time.