

Number	Title	Story	Back of the Card	Priority	status	Time estimate
1	User Signup	As a user, I want to be able to sign up and become a customer of the bank.	Create a signup form to collect the user's social security number and password. Implement age validation to ensure the user is above 18. Check the uniqueness of the social security number in the system. Hash the password using SHA256 with a salt value. Store the user's credentials securely.	High Medium Medium High High	Completed Completed Completed Completed Completed	1,5 day
2	User Login	As a user, I want to be able to log in to my account.	Create a login form to collect the user's social security number and password. Implement credential validation against the stored values. Display error messages for invalid credentials.	High High Medium	Completed Completed Completed	1 day
3	Change Password	As a user, I want to be able to change my password.	Create a form to collect the user's current password and new password. Implement validation of the current password against the stored value. Hash the new password using SHA256 with a salt value. Update the stored password with the new hashed value.	High Medium Medium Medium	Completed Completed Completed Completed	1,5 day
4	Bank Account Creation	As a user, I want to have a bank account associated with my profile.	Generate a unique account number using the specified format (yyyy-abc). Associate the bank account with the user profile. Set an initial amount for the bank account. Generate a checksum for the account number. Store the bank account details securely.	High High Medium Medium High	Completed Completed Completed Completed Completed	0,5 day
5	Money Send	As a user, I want to be able to send money to someone else.	Create a form to collect the recipient's account number and the amount to send. Validate the recipient's account number. Validate the availability of sufficient funds in the source account. Update the account balances accordingly. Add logic to prevent the amount from going below zero.	High High High Medium High	Completed Completed Completed Completed Completed	1 day
6	Transaction History	As a user, I want to view the transaction history for my bank account.	Retrieve the transaction history for a specific bank account. Format and display the transaction history in a user-friendly way. Include details such as transaction amount, source/destination, and transaction type.	Medium Medium Medium	Completed Completed Completed	0,5 day
7	Data Storage	As a developer, I need to determine the best approach to store user and account data in text files.	Conduct research on different file formats suitable for data storage. Design a file format that securely stores user and account data. Implement methods for reading from and writing to the text files. Implement data encryption and integrity checks for enhanced security.	Medium Medium Medium Medium	Completed Completed Completed Completed	1 day
8	Password Encryption	As a developer, I need to implement password encryption using SHA256 with a salt value.	Research and choose an appropriate library for password hashing. Implement the hashing algorithm using SHA256 and salt values. Test the password encryption to verify security and functionality.	High High High	Completed Completed Completed	1 day
9	Unit Testing	As a developer, I need to implement unit testing to ensure the functionality of various components.	Identify critical components and functions that require unit testing. Develop comprehensive unit test cases covering various scenarios and edge cases.	Medium Medium	Completed Completed	2 day
10	Deposit	As a user, I want to be able to deposit money into my account.	Create a form to collect the deposit amount. Update the account balance by adding the deposit amount.	Medium Medium	Completed Completed	1 day
11	Withdraw	As a user, I want to be able to withdraw money from my account.	Create a form to collect the withdrawal amount. Validate the availability of sufficient funds in the account. Update the account balance by deducting the withdrawal amount. Add logic to prevent the account balance from going below zero.	Medium Medium Medium Medium	Completed Completed Completed Completed	1 day
12	Balance	As a user, I want to be able to check the balance of my account.	Display the current balance of the account.	Low	Completed	0,5 day