

ATM Simulation

(Mini Project)



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Introduction

- An ATM stands for **automated teller machine**, is a specialized computer that makes it **convenient to manage a bank account** holder's funds.
- It allows a person to **check account balances, withdraw or deposit money**, print a statement of account activities or transactions.
- ATMs were first used in **London in 1967**, and after 50 years, these machines can be found **nationwide**.



Uses of an ATM

- **Check balance:** A person can cheque his bank balance without going to bank and standing on queue. This can save time of the person.
- **Withdraw money:** A person can withdraw money from his bank account from anywhere around the world.
- **Deposit money:** A person can also deposit his savings in the atm without going to bank.



Pros & Cons of ATM

Advantages	Disadvantages
Less time, effort required	Charges fees
Offers 24x7 Service	Limitations on cash withdrawal
Reduce bank workload	Possibility of frauds
Access to bank account from anywhere	Non-reachable in rural areas



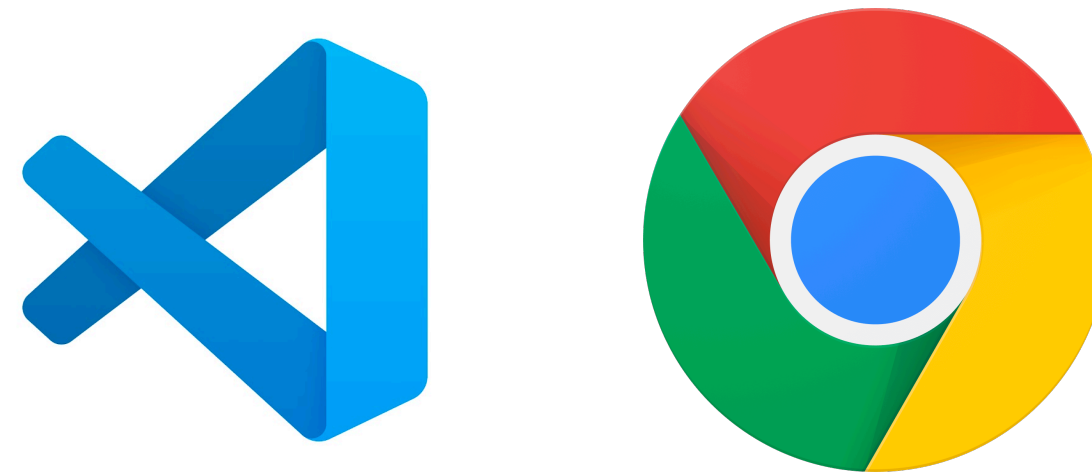
Project introduction

- Our project contains an ATM Simulation Web Design. Which is made using tools named HTML, CSS, JavaScript.
- For this project we created an atm machine using div in html and absolutely fixing their position in the page. And for adding colours in the web page we used css. And for different functions of the machine like clicking on the button, withdraw, deposit, account details we use javascript to change the div and display the respective views.

Technologies used



Softwares used



Different Functions of the project.



Login Page

First user has to insert the account password to continue to further options.

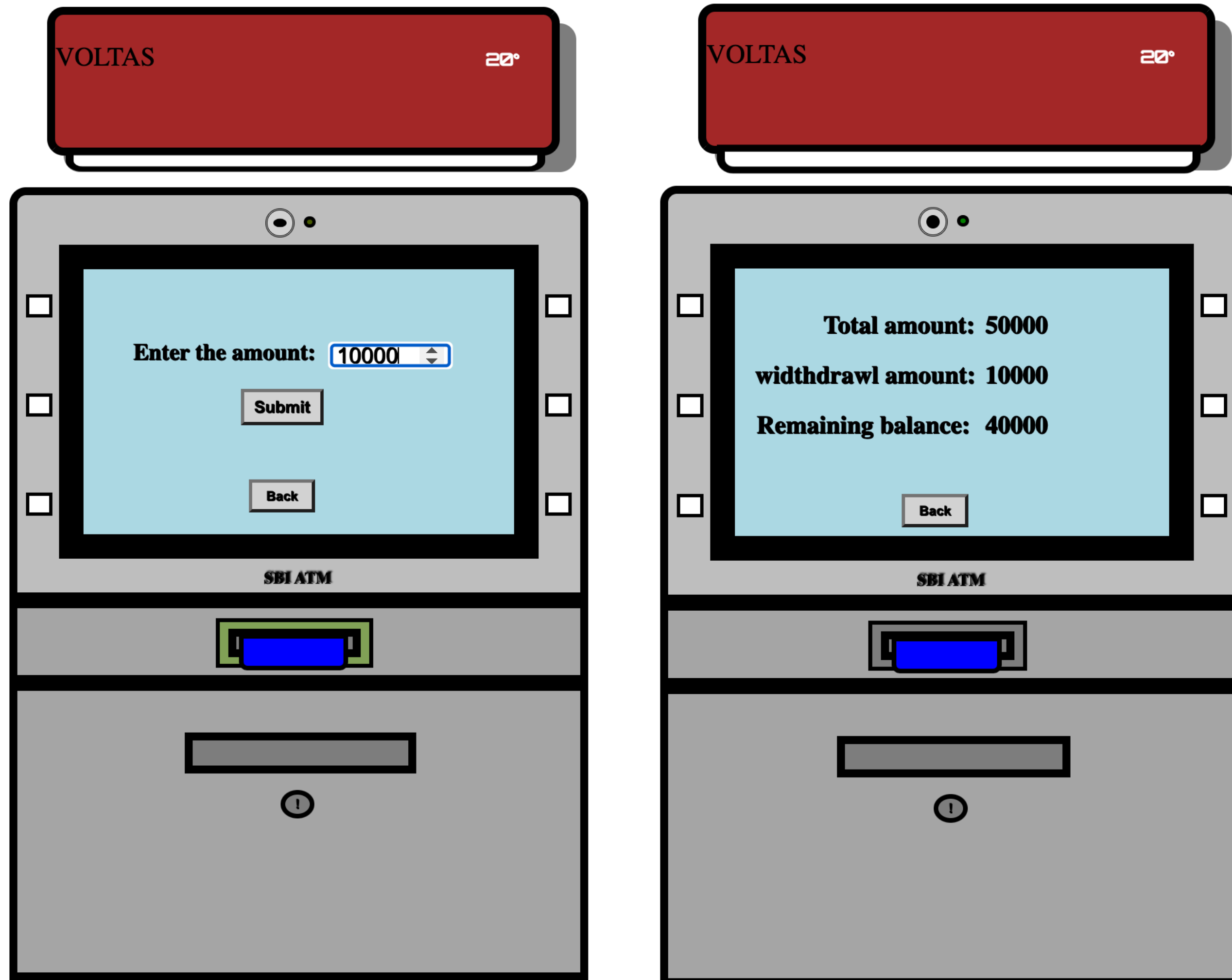


User options

After successfully logging in, User has the access to all the functions like:

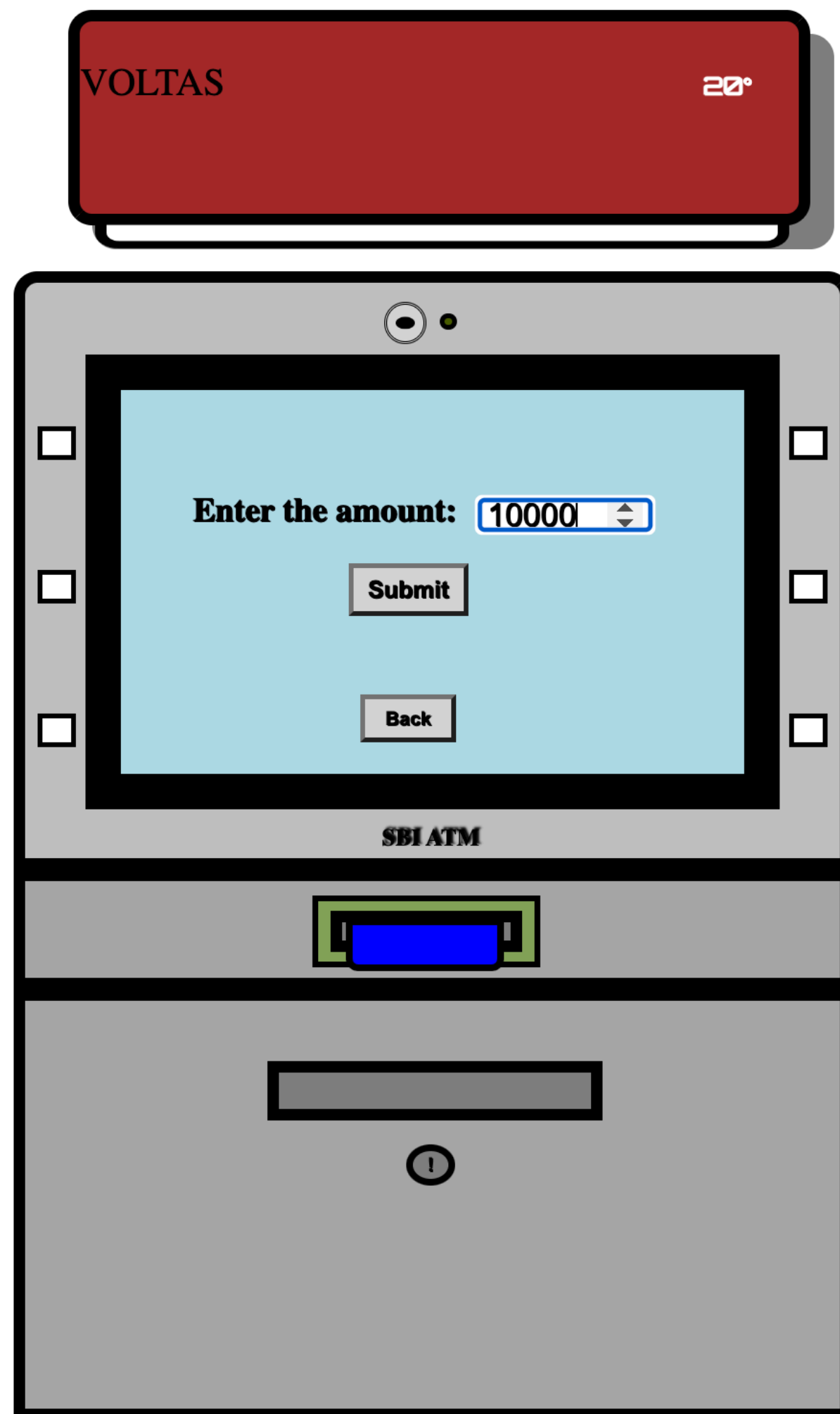
- Withdrawing money
- Depositing money
- Balance enquiry
- Account Details

Withdraw Money

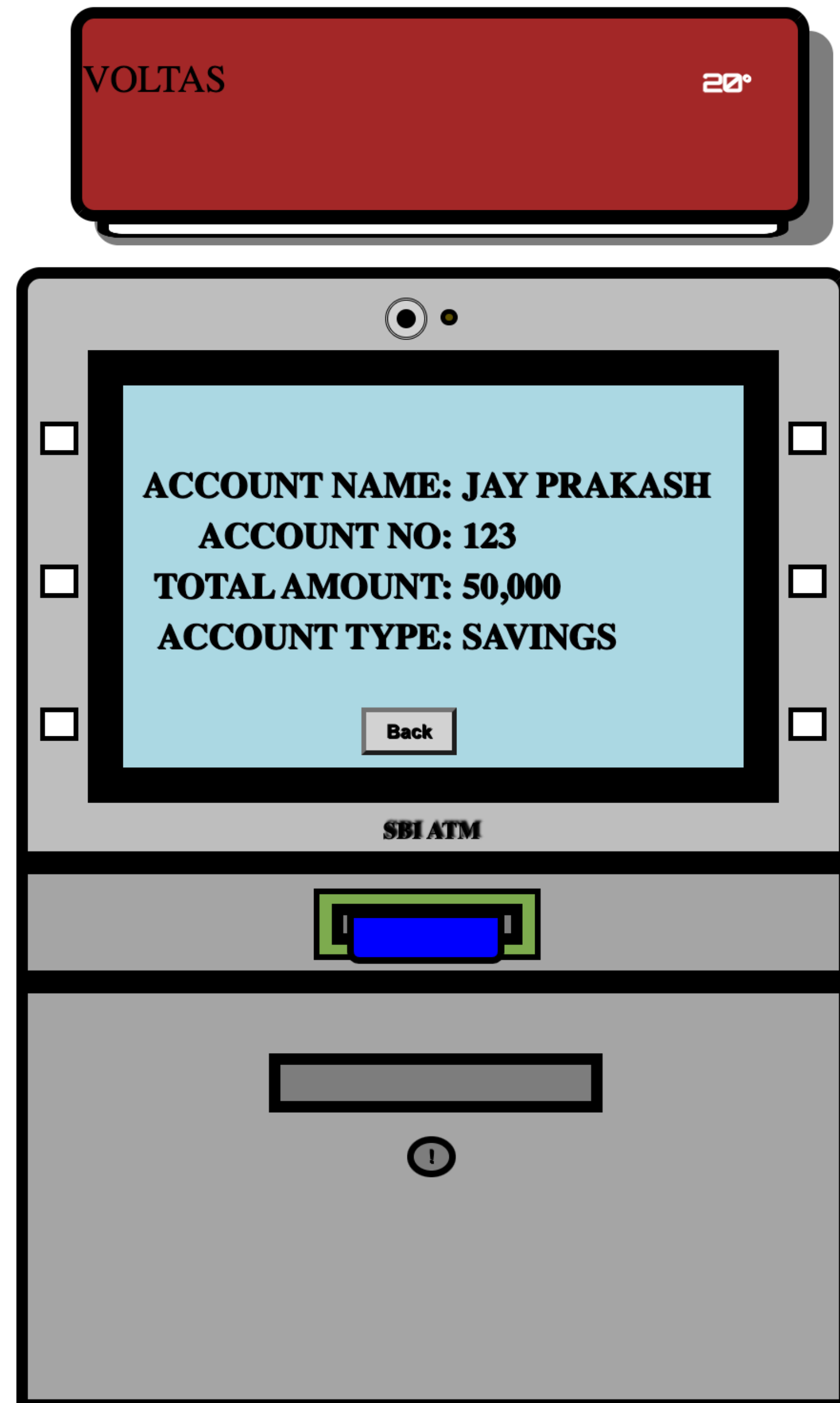


- To withdraw the money user has to enter the account of money he wants to withdraw.
- If user account has enough money, the atm will display withdraw successful message and also show remaining balance.
- If user doesn't has enough amount in account then the atm will reject the withdraw request.

Deposit Money



- To deposit money into your account, you have to insert the amount of money you want to deposit.
- After entering the amount, The system will display the updated account information like updated balance and previous balance.



Account Information

- User can also see his account details on the system by selecting the account details button on the option menu.
- User can see information like name, account number, account type, total balance.

Future updates in the project:



- Multiple user management: Currently we are managing only one user account, but we will later add multiple user option.
- For special abled person there will be voice control for their ease to use.

Reference:

- W3 html tutorials (<https://www.w3schools.com/html/>)
- W3 css tutorials (<https://www.w3schools.com/css/default.asp>)
- W3 js tutorials (<https://www.w3schools.com/js/default.asp>)
- Learning Web Design, Book by: Jennifer Niederst Robbins, Published by: O'Reilly
- Web Designing Tutorials on Youtube by CodeWithHarry (https://www.youtube.com/playlist?list=PLu0W_9lI9agiCUZYRsvtGTXdxkzPyItg)
- ATM machine wikipedia (https://en.wikipedia.org/wiki/Automated_teller_machine)

Thank You!