

# **ATM Simulation Program**

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# **Synopsis**

## **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.

To use this ATM machine. First user has to enter the account no, and after that user has to enter the password. If password is entered correctly then the more options are visible, else user is asked again to enter correct password.

The different function that can be performed on the machine are:

- Withdraw
- Deposit
- Balance enquiry

## **Motivation**

Few days back, We went to atm machine. And we got very curious to see how it works. We wanted to implement something like that using the tools we already knew. And fortunately we knew few concepts of html, css, js. So, we thought of creating an ATM machine simulation design using this tools.

We didn't knew about backends and database, due to which our system has some restricted features. But in future when we learn about them. We will try to extend this project and add some more advanced features.

## **Hardware & Software Requirement**

- Operating System: Any GUI based OS
- Softwares: Any Browser to display the page.
- Processor: Any processor which can smoothly render the webpage.
- Ram: 2GB or more for smooth functionality.
- Keyboard for input
- Mouse for clicking items.

## **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\\_9lII9agiCUZYRsvtGTXdxkzPyItg](https://www.youtube.com/playlist?list=PLu0W_9lII9agiCUZYRsvtGTXdxkzPyItg))
- ATM machine wikipedia ([https://en.wikipedia.org/wiki/Automated\\_teller\\_machine](https://en.wikipedia.org/wiki/Automated_teller_machine))