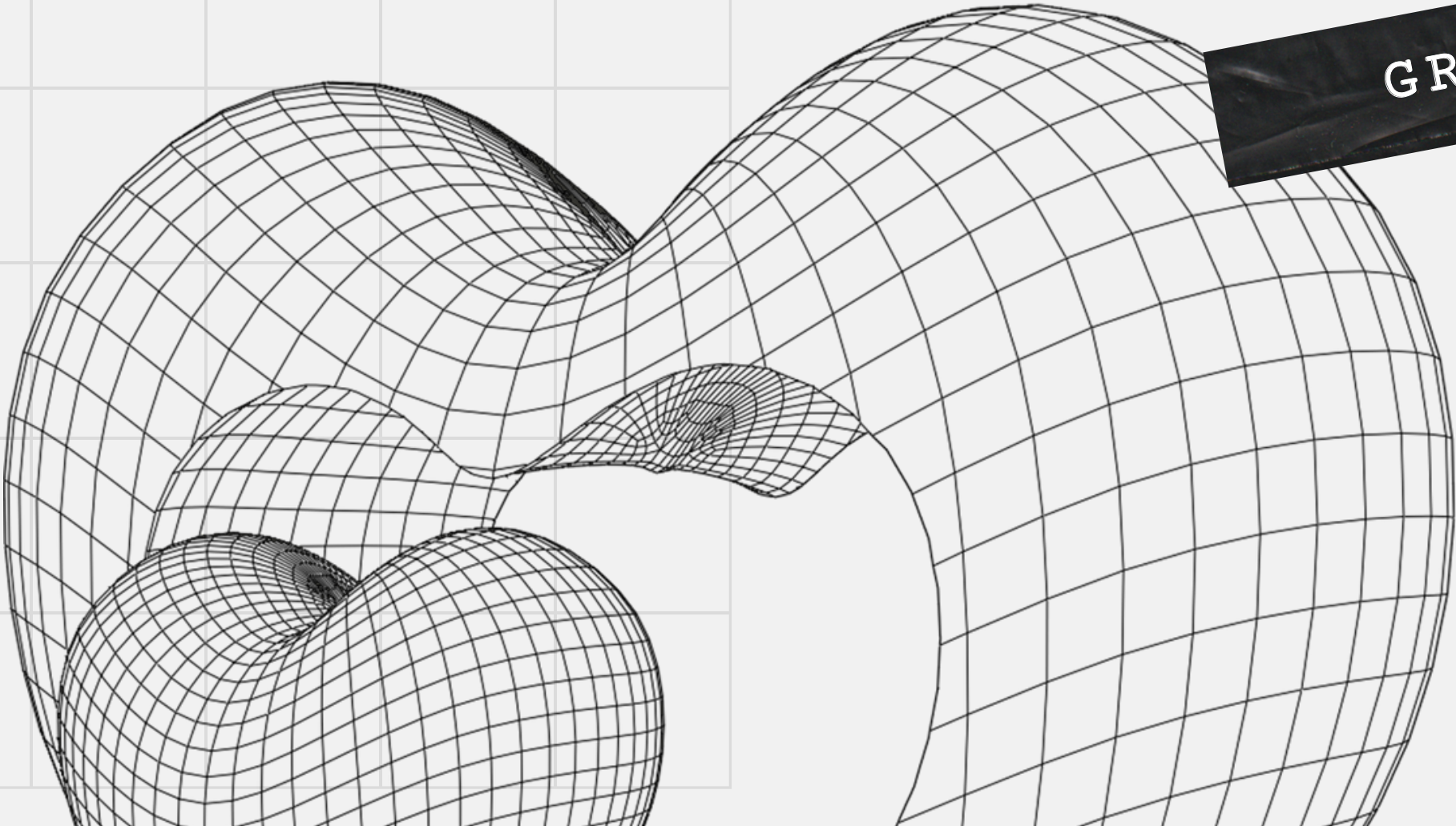


✦ JAVA ✦

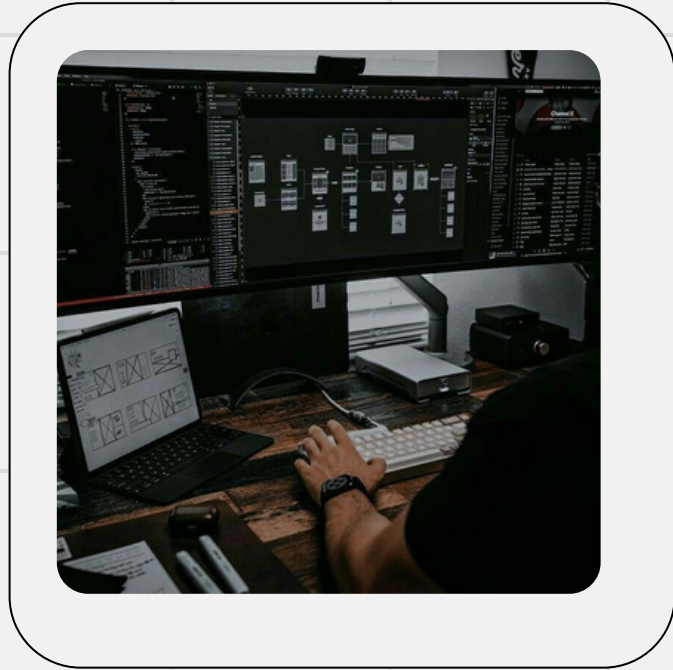
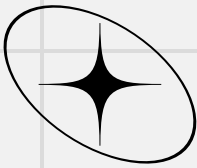
BK BANK



GROUP - 6



0012 7482901 2744103 0592346 8774510 7255



INTRODUCING OUR BK BANK

Making every cent counts for you

Your fast and reliable banking system to manage finance

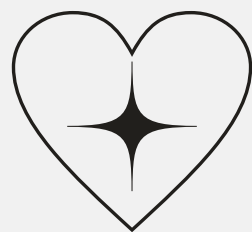




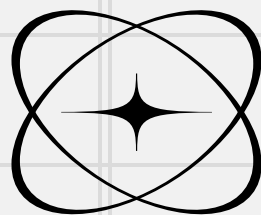
TEAM MEMBERS



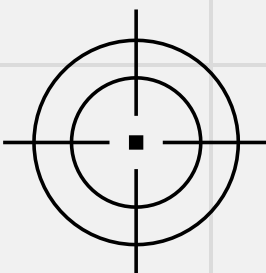




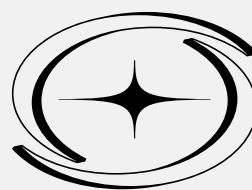
MYAT SHWE YI MOE
B9-UIT-1861



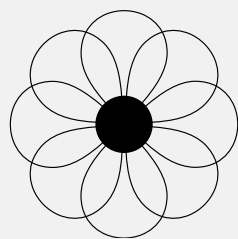
KYI SIN SHUN LETT
B9-UIT-1903



HNIN SHWE YI WINT
B9-UIT-1853



KAUNG MYAT KYAW
B9-UIT-1819



KYAW MIN WAI
B9-UIT-1919



LU MIN THANT
B9-UIT-1796



OUR ROLES

Myat Shwe Yi Moe- Billing, Transaction, History filtering

Kyi Sin Shun Lett- History and sorting

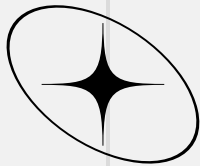
Hnin Shwe Yi Wint- Signup , Profile, Settings, Forgot psw 

Kaung Myat Kyaw- Exchange converter

Kyaw Min Wai- UI, Database Sql (Local host) , Login, Sign up, Home page (header), Settings, Forgot psw, About

Lu Min Thant- Deposit, Withdraw





OBJECTIVES

What BK Bank Offer?

- 1

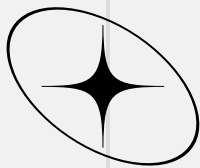
CONVINIENCE & EASE
- 2

REAL-TIME TRANSACTIONS
- 3

ACCURACY & TRANSPARENCY & SECURITY
- 4

UP-TO-DATE





FEATURES

A list of functions that are included in BK Bank

LOG IN/SIGN UP

FORGOT PASSWORD

PROFILE

DEPOSIT

WITHDRAW

BILLING

TRANSACTION

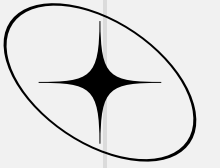
RECEIPT

CONVERTER

HISTORY

SETTING

LOG OUT



WHAT WE GOT FROM DOING THIS PROJECT?

1

TEAMWORKS MAKE THE DREAMWORKS

2

STRATEGIC PLANNING

3

PUTTING IN USERS' SHOES (UI/UX)

4

SKILLUP IN JAVA AND RELATED LANGUAGES

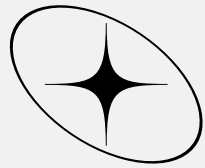
5

HANDLING DATABASES & ALGORITHMS

6

TESTING AND DEBUGGING





Time e

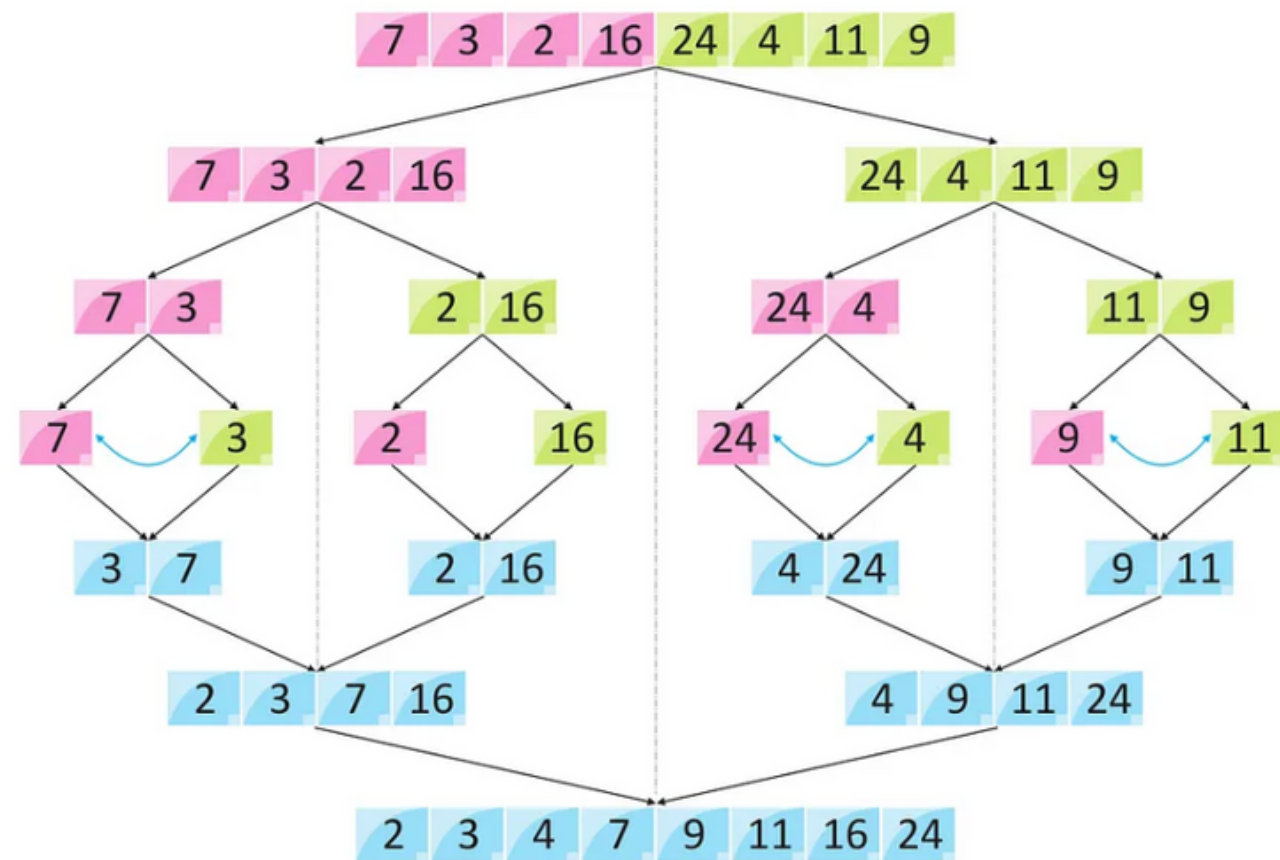
@GROUP-6

MERGESORT

-divides the input array into smaller subarrays until each subarray consists of only one element.

-It then merges these smaller sorted subarrays back together, combining them into larger sorted subarrays until the entire array is sorted. This process continues recursively until the entire array is sorted.

-used in sorting



Data Structures: Merge Sort Algorithm

Time Complexity

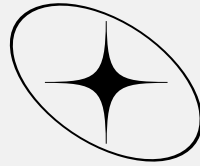
- Best Case: $O(n \log n)$
- Worst Case: $O(n \log n)$



BORCELLE



8/12



BRUTE FORCE STRING MATCHING

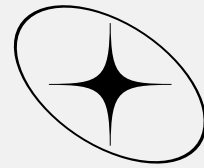
-compare every substring of the text with the pattern, moving one character at a time, until a match is found or the end of the text is reached.

-used in filtering

Time Complexity

- Best Case: $O(nm)$
- Worst Case: $O(nm)$





Time e

@GROUP-6

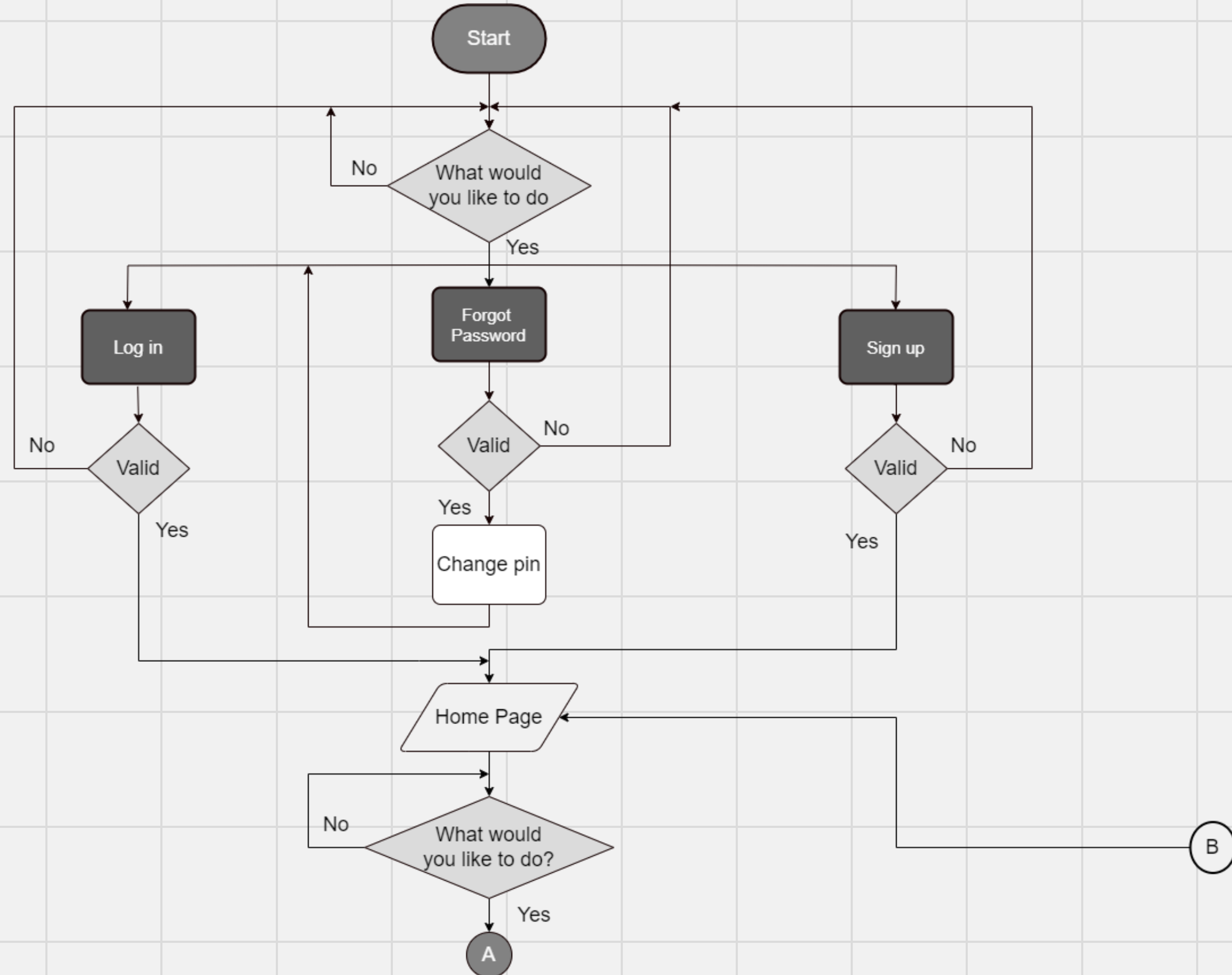
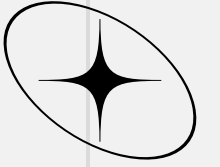
SHA-512: HASH ALGORITHM

break the input message into blocks, padding them to ensure a fixed block size, and then processing each block through a series of rounds involving bitwise logical operations, modular addition, and circular shifts

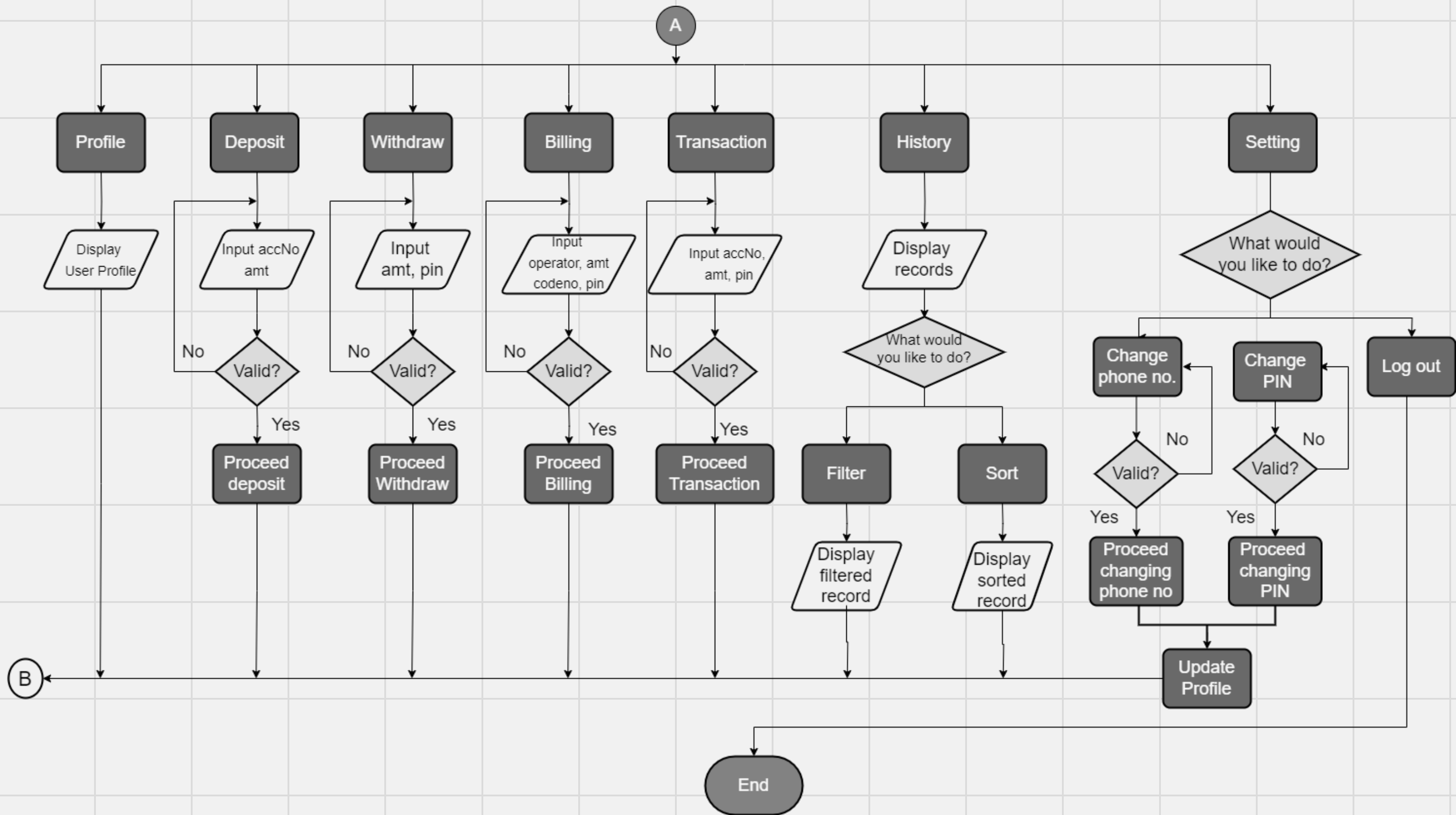
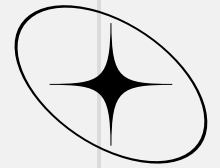
-used in nickname and password hashing

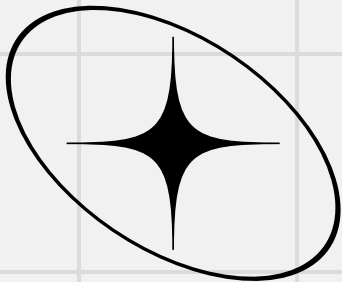


FLOW CHART



FLOW CHART





THANK YOU

any questions?

