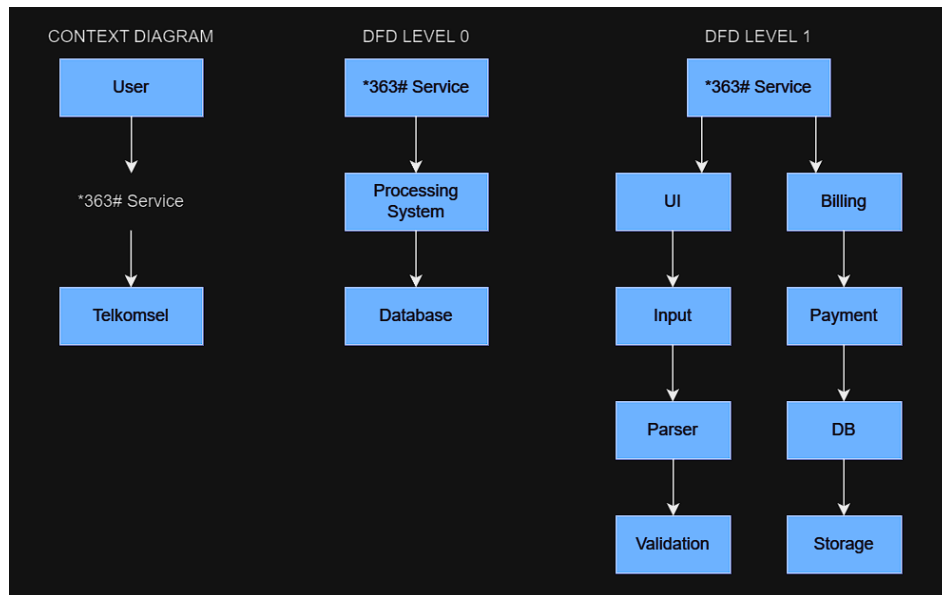


TUGAS MINGGU 3

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1. Data Flow Diagram



2. PSPEC in the lowest level

Process: Validation

1. Receive data from the Parser.
2. Check if the received data is valid.
3. If data is valid:
 - a. Proceed with the transaction.
 - b. Update the database with the transaction details.
 - c. Send confirmation message to the user.
4. If data is invalid:
 - a. Send error message to the user.
 - b. Terminate the transaction.

3. Predicted code for PSPEC in the lowest level

Process: Validation

Step 1: Receive data from the Parser

received_data = receive_data_from_parser()

Step 2: Check if the received data is valid

if validate_data(received_data):

 # Step 3a: Proceed with the transaction

 transaction_result = process_transaction(received_data)

 # Step 3b: Update the database with the transaction details

 update_database(transaction_result)

 # Step 3c: Send confirmation message to the user

 send_confirmation_message(transaction_result)

else:

 # Step 4a: Send error message to the user

 send_error_message()

 # Step 4b: Terminate the transaction

 terminate_transaction()