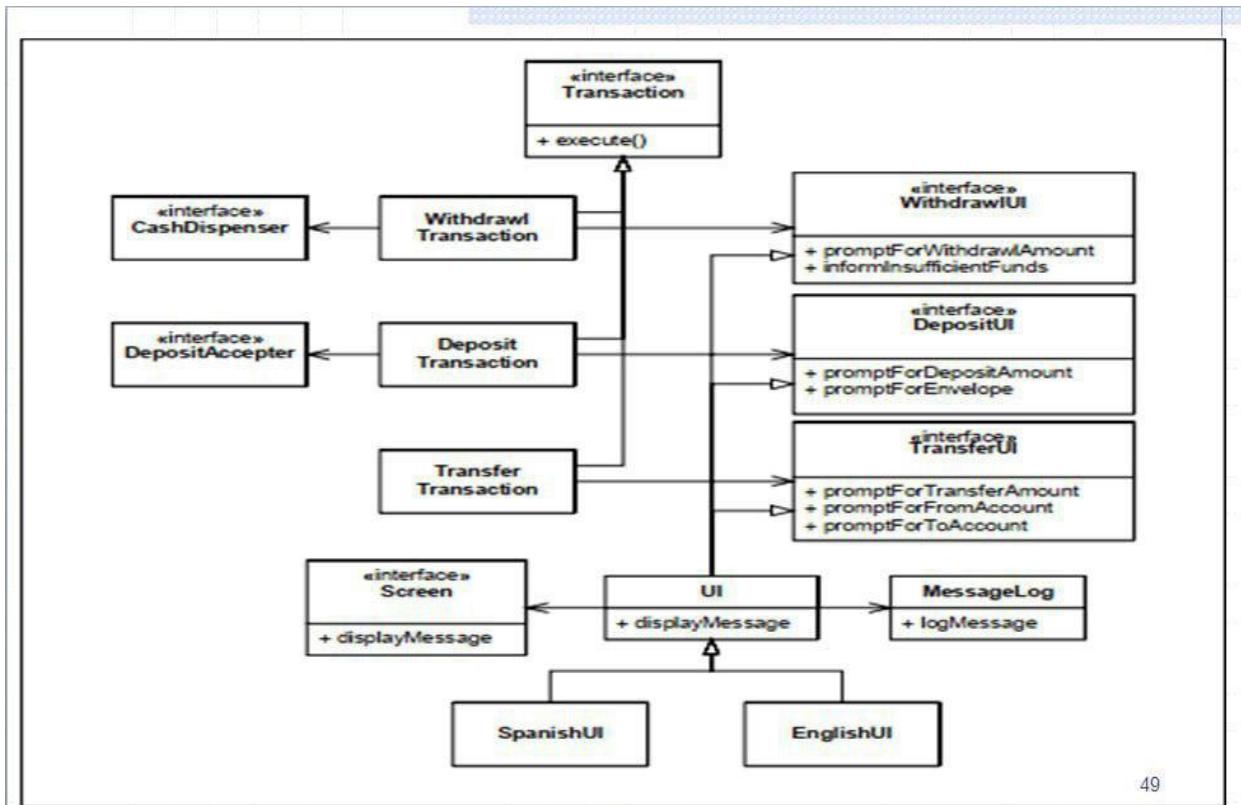


Tools Assignment

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section 1



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// Convert this diagram into Java Code

```
// Java Code

// Interface for cash dispenser
public interface CashDispenser {
    // Methods would be defined here based on requirements
}

// Interface for deposit mechanism
public interface DepositMechanism {
    // Methods would be defined here based on requirements
}

// Interface for screen display
public interface Screen {
    void displayMessage(String message);
}

// Base transaction interface
public interface Transaction {
    // Common transaction methods would be defined here
}
```

```
// Withdrawal transaction class  
  
public class WithdrawalTransaction implements Transaction {  
  
    // Implementation for withdrawal transaction  
  
}
```

```
// Deposit transaction class  
  
public class DepositTransaction implements Transaction {  
  
    // Implementation for deposit transaction  
  
}
```

```
// Transfer transaction class  
  
public class TransferTransaction implements Transaction {  
  
    // Implementation for transfer transaction  
  
}
```

```
// Main UI interface  
  
public interface UI {  
  
    void promptForTransferAmount();  
  
    void promptForFromAccount();  
  
    void promptForToAccount();  
  
}
```

```
// Withdrawal UI interface

public interface WithdrawUI {
    void promptForWithdrawAmount();
    void informInsufficientFunds();
}

// Deposit UI interface

public interface DepositUI {
    void promptForDepositAmount();
    void promptForEmployee();
}

// Message logging class

public class MessageLog {
    public void logMessage(String message) {
        // Implementation for logging messages
    }
}

// Spanish UI implementation

public class SpanishUI implements UI, WithdrawUI, DepositUI {
    @Override
```

```
public void promptForTransferAmount() {  
    // Spanish implementation  
}
```

```
@Override  
public void promptForFromAccount() {  
    // Spanish implementation  
}
```

```
@Override  
public void promptForToAccount() {  
    // Spanish implementation  
}
```

```
@Override  
public void promptForWithdrawAmount() {  
    // Spanish implementation  
}
```

```
@Override  
public void informInsufficientFunds() {  
    // Spanish implementation
```

```
}
```

```
@Override  
public void promptForDepositAmount() {  
    // Spanish implementation  
}
```

```
@Override  
public void promptForEmployee() {  
    // Spanish implementation  
}
```

```
// English UI implementation  
public class EnglishUI implements UI, WithdrawUI, DepositUI {  
    @Override  
    public void promptForTransferAmount() {  
        // English implementation  
    }
```

```
@Override  
public void promptForFromAccount() {
```

```
// English implementation  
}  
  
@Override
```

```
public void promptForToAccount() {  
    // English implementation  
}
```

```
@Override  
public void promptForWithdrawAmount() {  
    // English implementation  
}
```

```
@Override  
public void informInsufficientFunds() {  
    // English implementation  
}
```

```
@Override  
public void promptForDepositAmount() {  
    // English implementation  
}
```

```
@Override  
public void promptForEmployee() {  
    // English implementation  
}  
  
}  
  
// U1 class (purpose unclear from diagram)  
public class U1 {  
    // Implementation based on specific requirements  
}
```