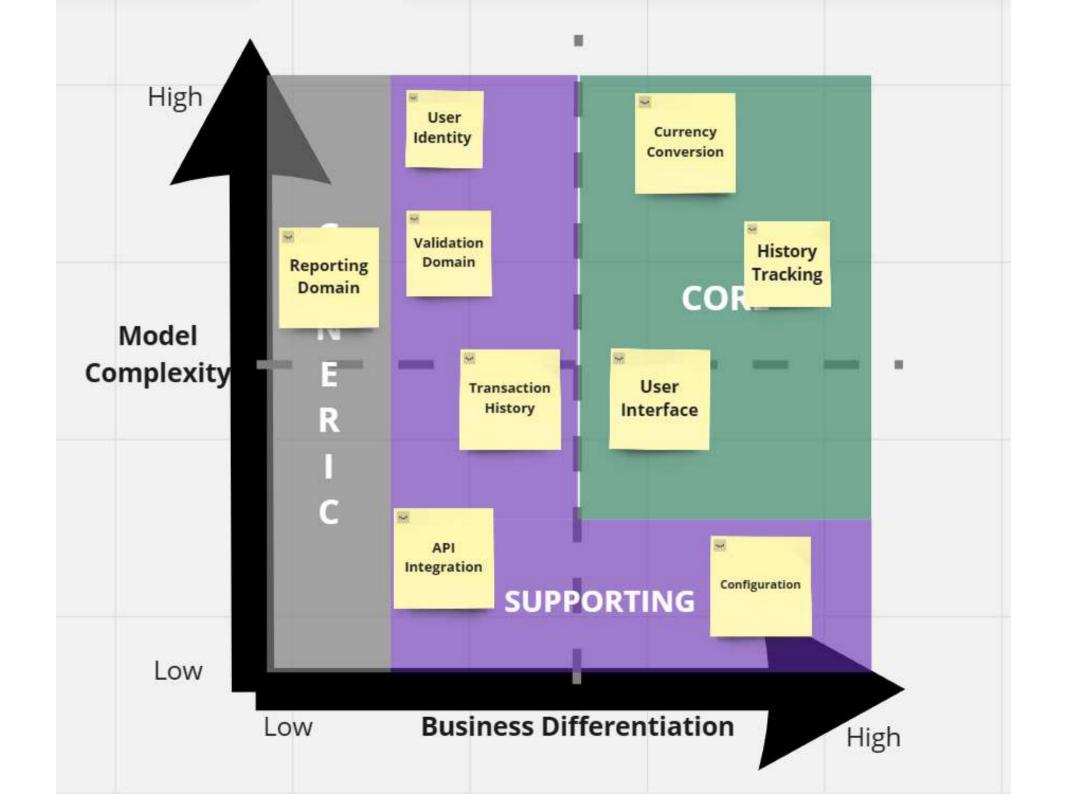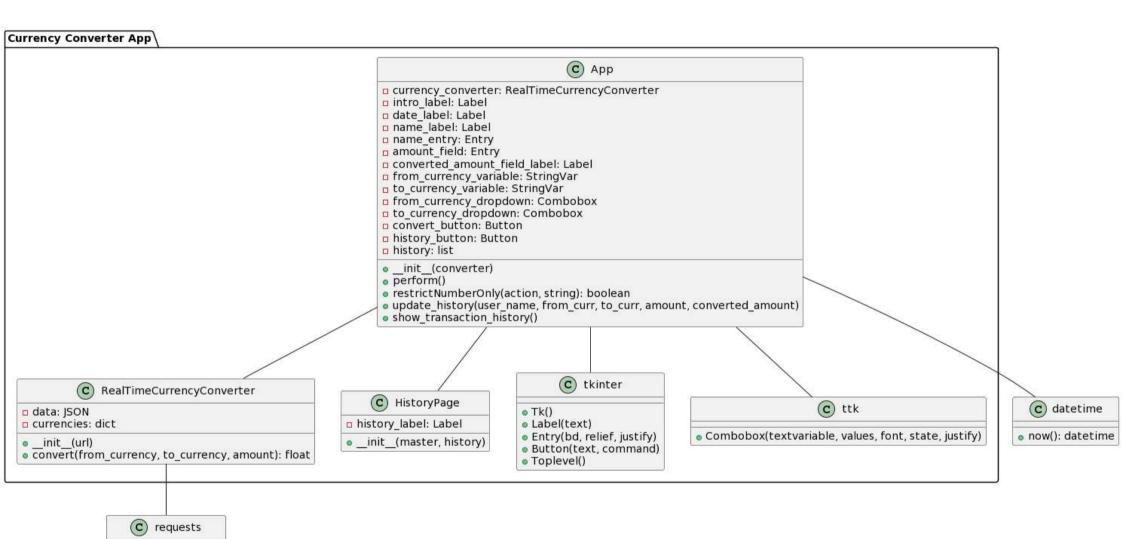| USER INTERFACE	CURRENCY CINVERSION	HISTORY TRACKING	USER IDENTITY	VALIDATION	API INTEGRATION	CONFIGURATION	TRANSACTION HISTORY	REPORTING DOMAIN
Handling User Interactions	Handling Currency Conversion Logic	Managing Transaction History	Managing User Identity Information	Handling Input Validation	Making API Requests to fetch real time currency data.	Managing Application Configurations	Managing Trasaction History	Generating Report based on Transaction History
Displaying Information	Making API Requests	Displaying Transaction History					Storing Transaction History	
Capturing User Input	Maintaining Currency rates							

134% +

Currency Converter App

App

- □ currency_converter: RealTimeCurrencyConverter
- □ intro_label: Label
- □ date_label: Label
- □ name_label: Label
- □ name_entry: Entry
- □ amount_field: Entry
- □ converted_amount_field_label: Label
- □ from_currency_variable: StringVar
- □ to_currency_variable: StringVar
- □ from_currency_dropdown: Combobox
- □ to_currency_dropdown: Combobox
- □ convert_button: Button
- □ history_button: Button
- □ history: list

- ● __init__(converter)
- ● perform()
- ● restrictNumberOnly(action, string): boolean
- ● update_history(user_name, from_curr, to_curr, amount, converted_amount)
- ● show_transaction_history()

RealTimeCurrencyConverter

- □ data: JSON
- □ currencies: dict

- ● __init__(url)
- ● convert(from_currency, to_currency, amount): float

HistoryPage

- □ history_label: Label

- ● __init__(master, history)

tkinter

- ● Tk()
- ● Label(text)
- ● Entry(bd, relief, justify)
- ● Button(text, command)
- ● Toplevel()

ttk

- ● Combobox(textvariable, values, font, state, justify)

datetime

- ● now(): datetime

requests

- ● get(url): Response