

Stay Healthy !? Drink Tea



Web development project summary

Project objective : Creating brand awareness and online sales channel

Business nature : Sales and Marketing

Product Category : Tea

Scope of web services :

- Introduce company profile
- Deliver product information
- Shopping cart
- Payment service

Apps/language deployed : Django, Python, SQLite3, HTML, CSS

Development time : 3 weeks





Why Django Tea Shop

It's UML diagrams

Live demo



神農本草經：「茶味苦，飲之使人益思，
少臥，輕身，明目」

茶乃是中國人最喜愛喝的一種飲品。如今越來越多的中國人不僅講究喝名茶、喝好茶，也更重視茶葉的美容保健作用

白茶 味道清淡回甘。性涼
綠茶性寒涼，主清熱
紅茶性溫，有暖胃
青茶，不熱不寒
黑茶性溫，可暖胃散寒





四季更替

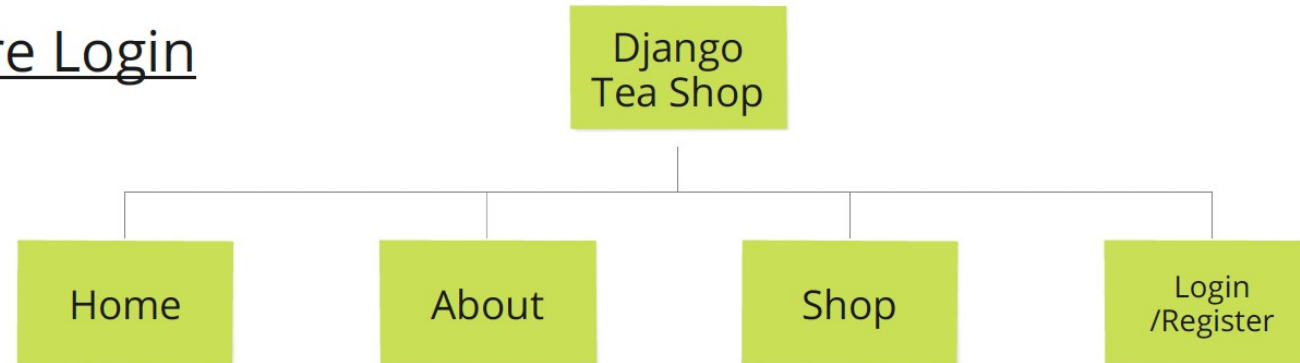
春天，內熱積貯，扶陽固氣
夏天，悶熱汗多，清暑解熱
秋天，蕭殺之象，清熱潤肺
冬天，天寒地凍，生熱暖腹

四季茶館 - Django Tea Shop

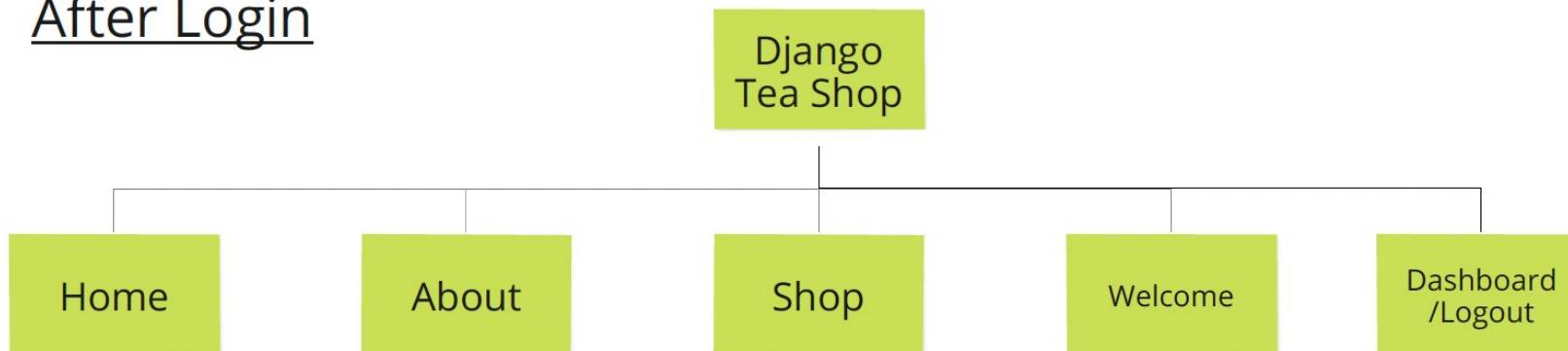
春飲花茶，夏飲綠茶，
秋飲青茶，冬飲紅茶。

Structure Diagram

Before Login

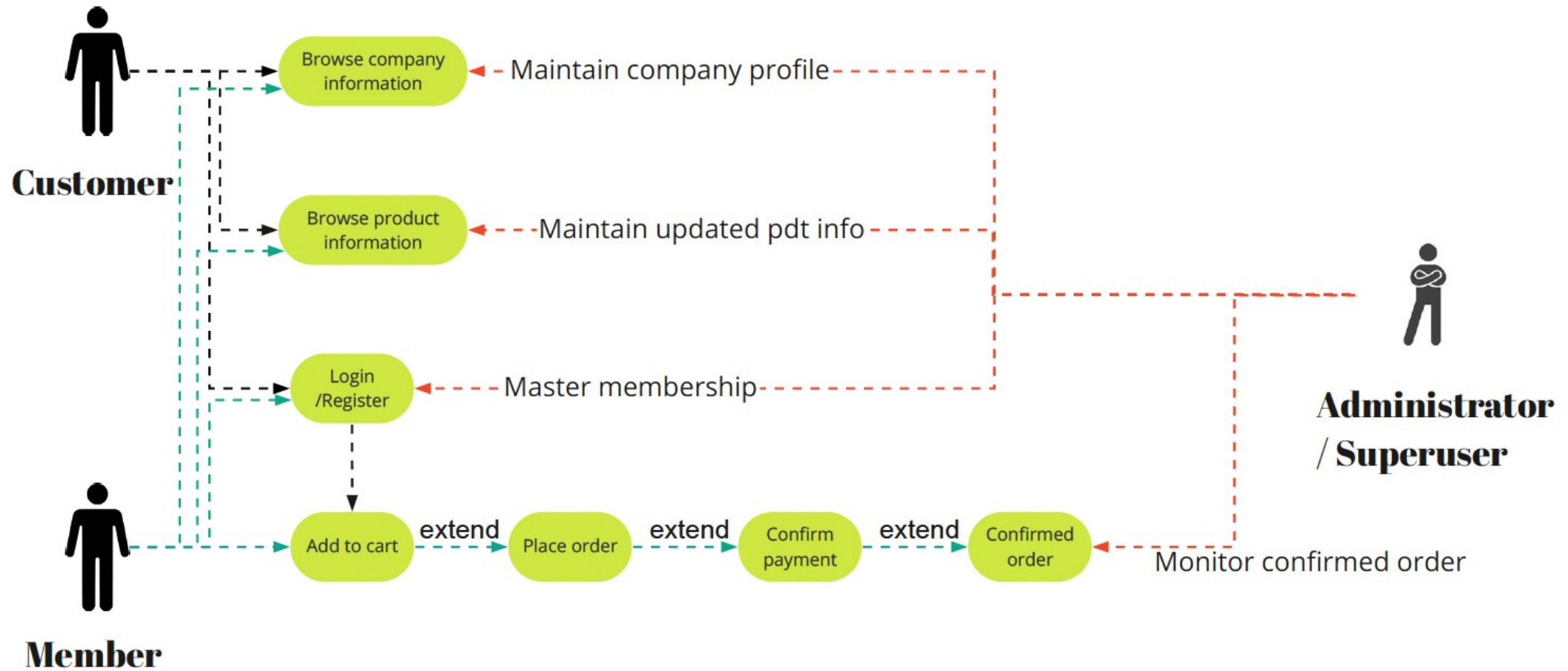


After Login



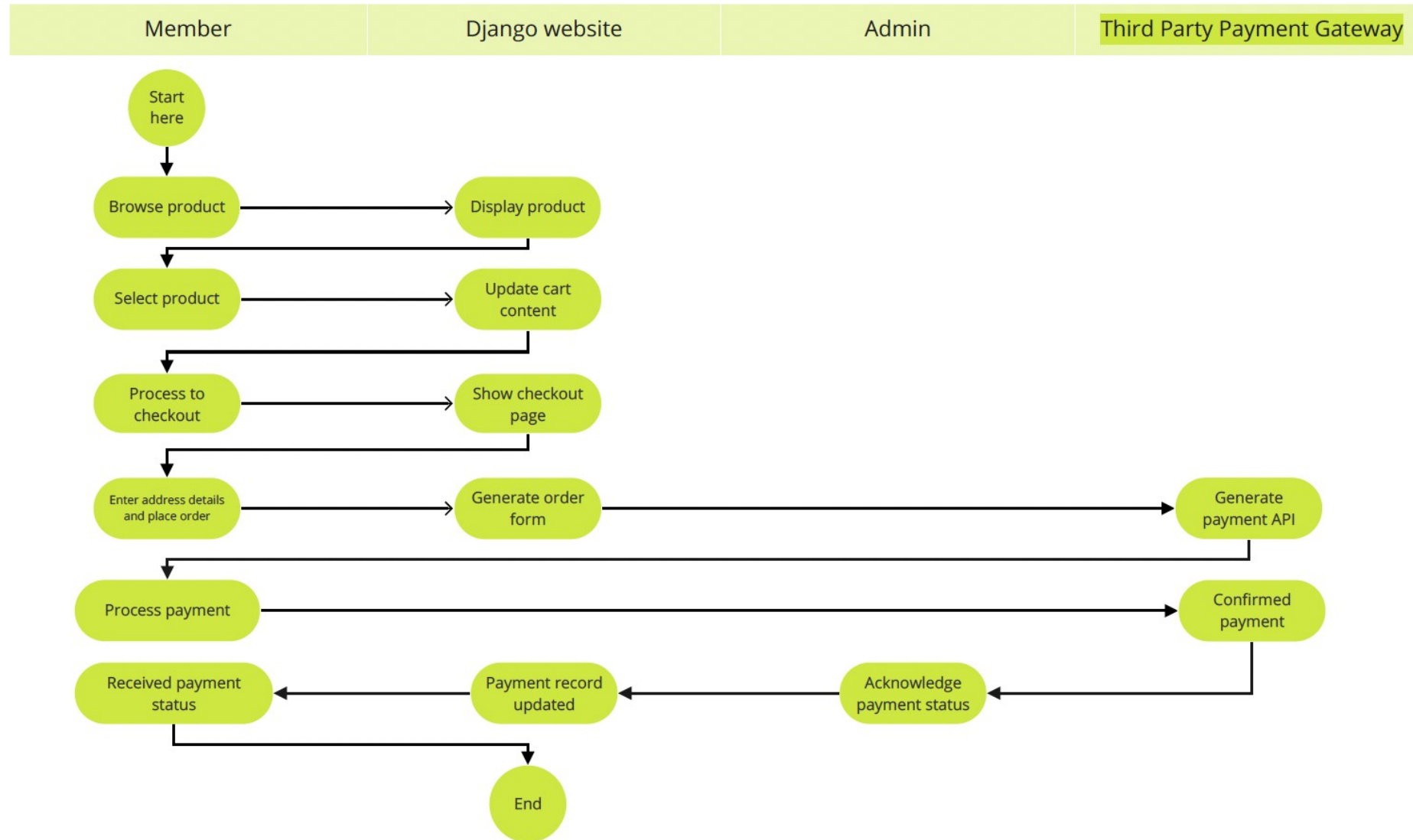
Structure diagram to show a static view of a system's classes

Django Tea Shop Use Case Diagram



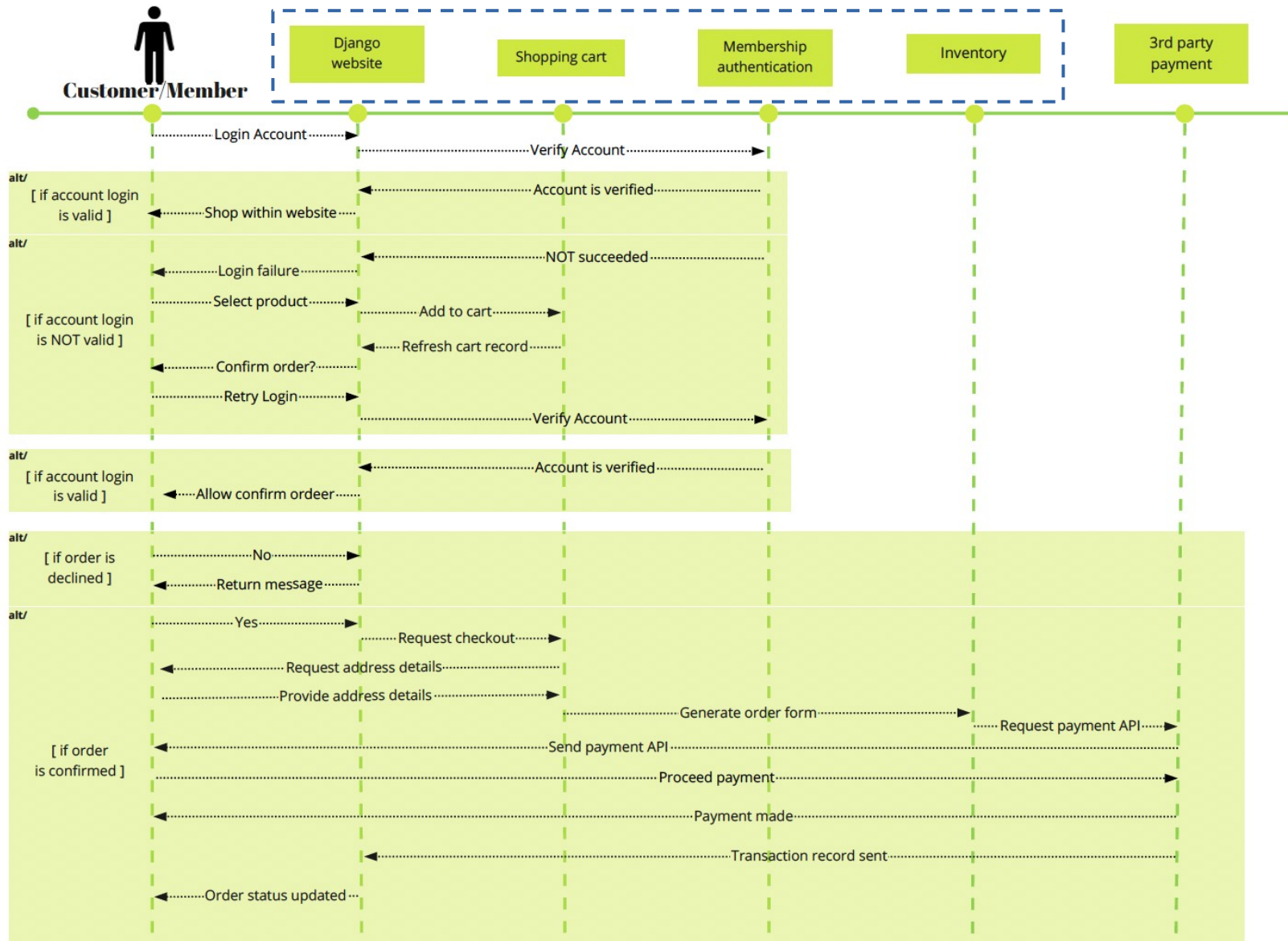
Use case diagram model the functionality of a system using actors and use cases

Django Tea Shop Activity Diagram



Activity Diagram illustrates the dynamic nature of a system by modeling the flow of control from activity to activity

Django Tea Shop Sequence Diagram

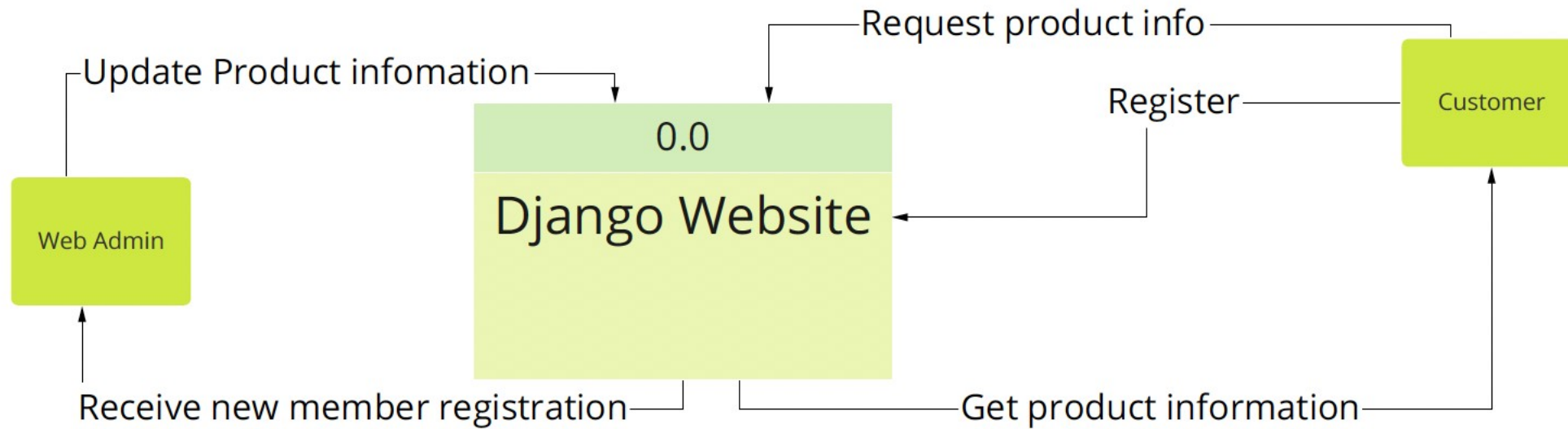


Sequence Diagram describe interactions among classes in terms of an exchange of messages over time.



Django Tea Shop

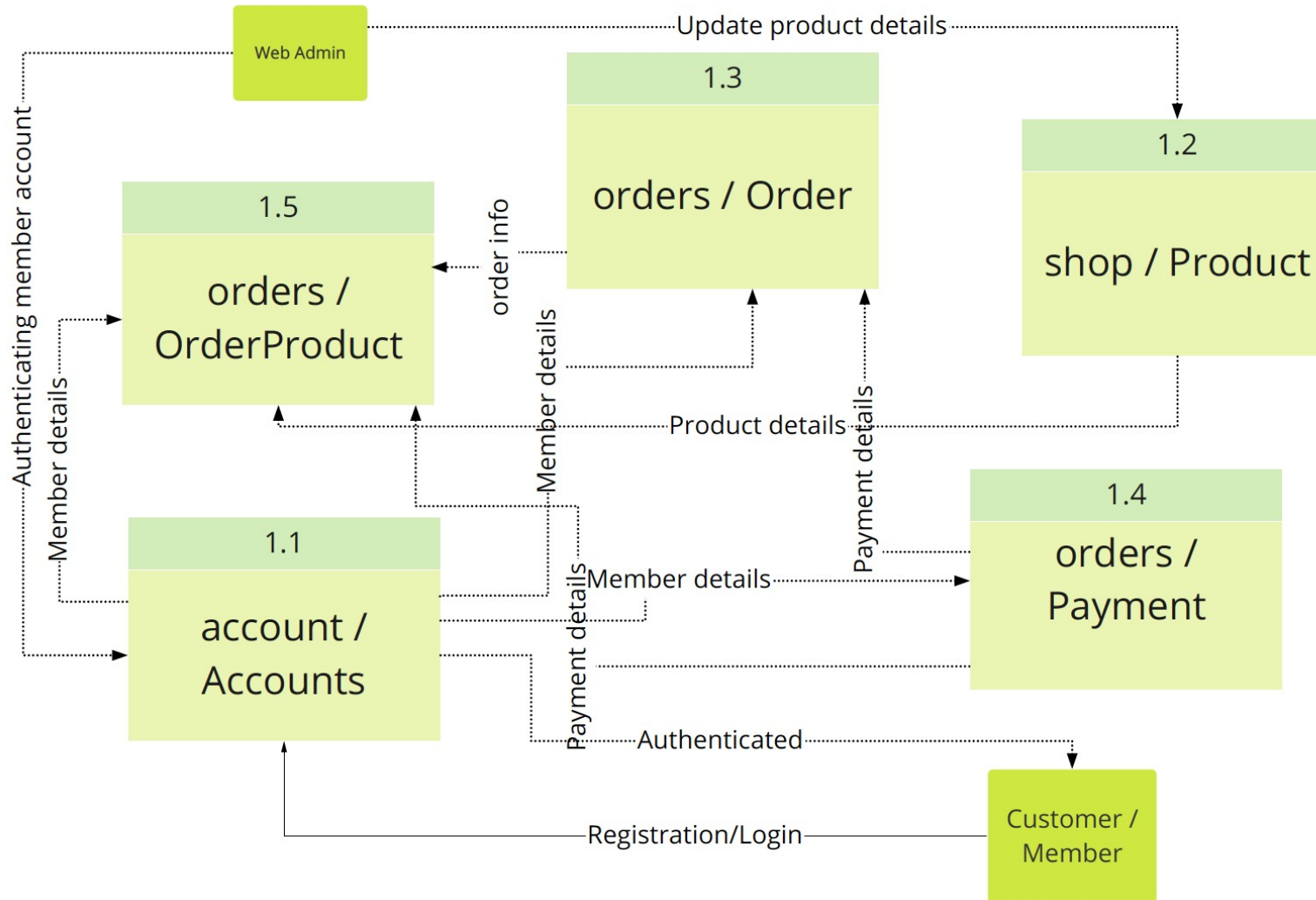
Data Flow Diagram Level 0.0



Data Flow Diagram maps out the flow of information for any process or system



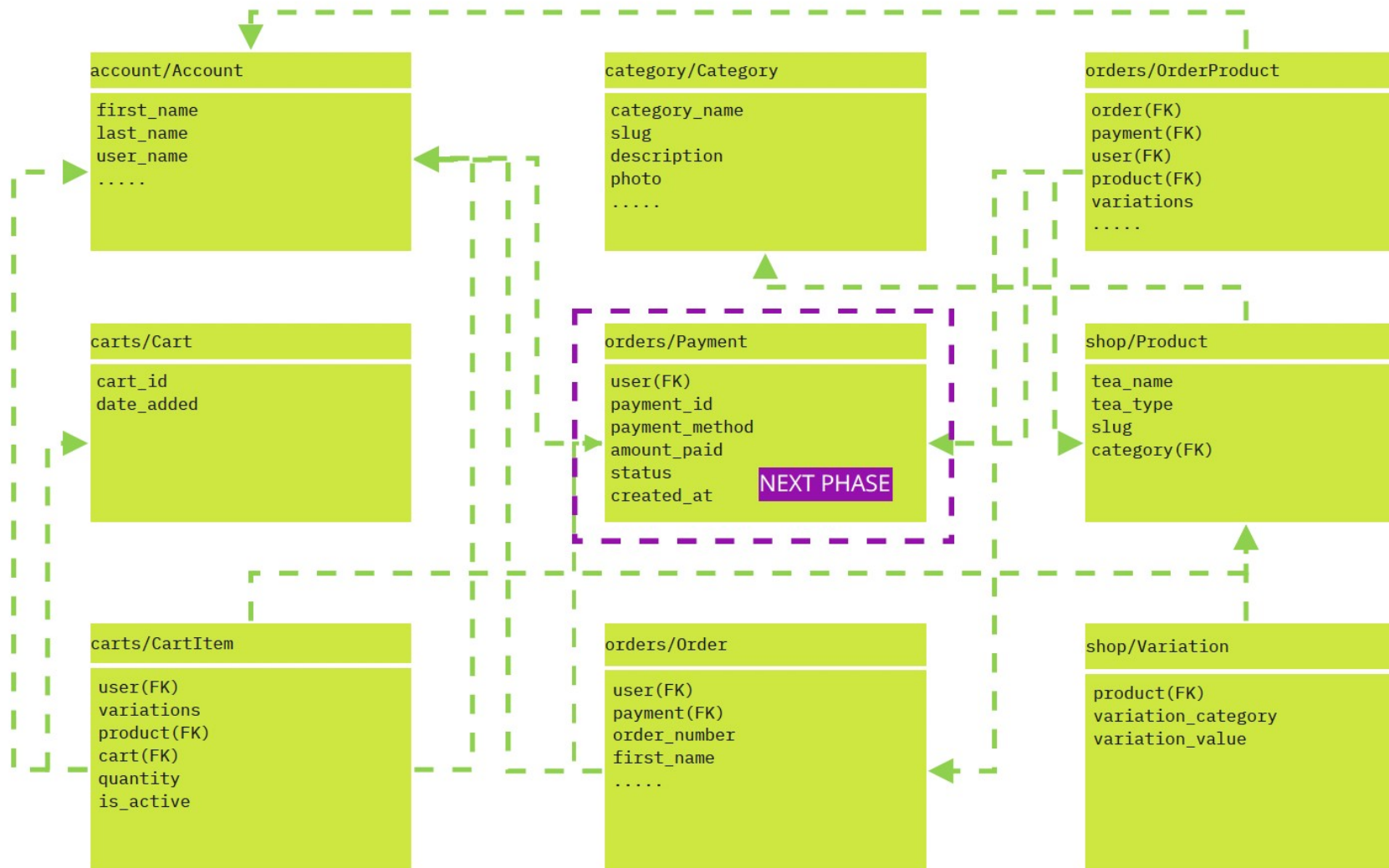
Django Tea Shop Data Flow Diagram Level 1.1



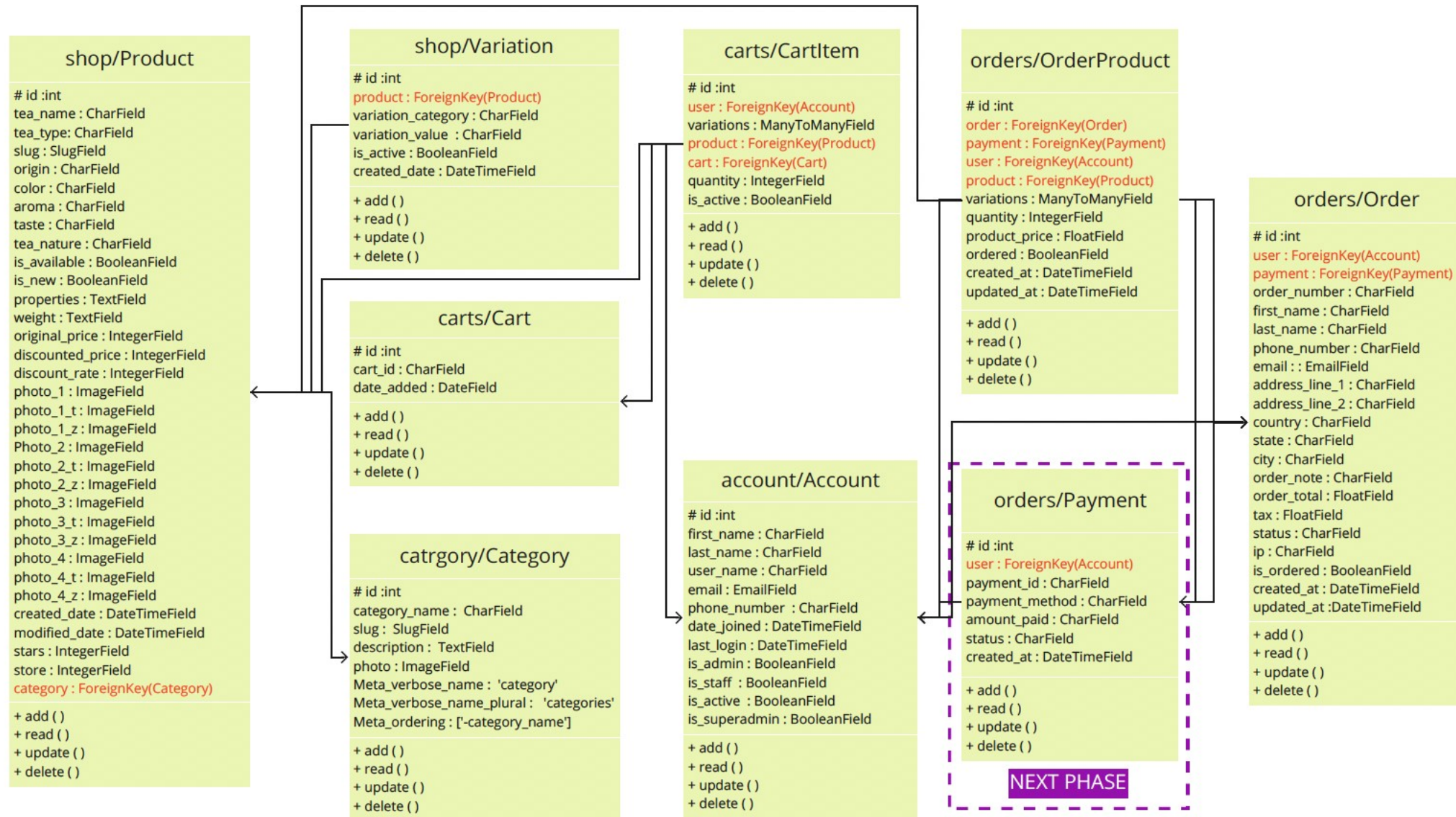
Data Flow Diagram maps out the flow of information for any process or system

Schema
.model.py & classes

y & classes			model.py		class	variable	data type		
			account		Account	first_name	CharField(max_length=50)		
			model.py		class	variable		data type	
			category		Category	category_name	CharField(max_length=50)		
			model.py		class	variable		data type	
			shop		Variation	product	ForeignKey(Product, on_delete=models.CASCADE)		
			model.py		class	variable		data type	
			shop		Product	tea_name	CharField(max_length=100, unique=True)		
			model.py		class	variable		data type	
			carts		Cart	cart_id	CharField(max_length=250, blank=True)		
			model.py		class	variable		data type	
			carts		CartItem	user	ForeignKey(Account, on_delete=models.CASCADE, null=True)		
y			class		variable	data type			
			Payment		user	ForeignKey(Account, on_delete=models.CASCADE)			
y			class		variable	data type			
			Order		user	ForeignKey(Account, on_delete=models.SET_NULL, null=True)			
y			class		variable	data type			
			OrderProduct		order	ForeignKey(Order, on_delete=models.CASCADE)			



An entity-relationship diagram (ERD) is a data modeling technique that graphically illustrates an information system's entities and the relationships between those entities



Class Diagram are the backbone of almost every object-oriented method, including UML

Django Tea Shop

Live Demo



Thank You!

Norman, John, Paul & Ivan

