James Anderson (DfE Cloud2)
QA Ltd DevOps Bootcamp Final Project

Diagrams

Fig. 1 - Docker container architecture of the application

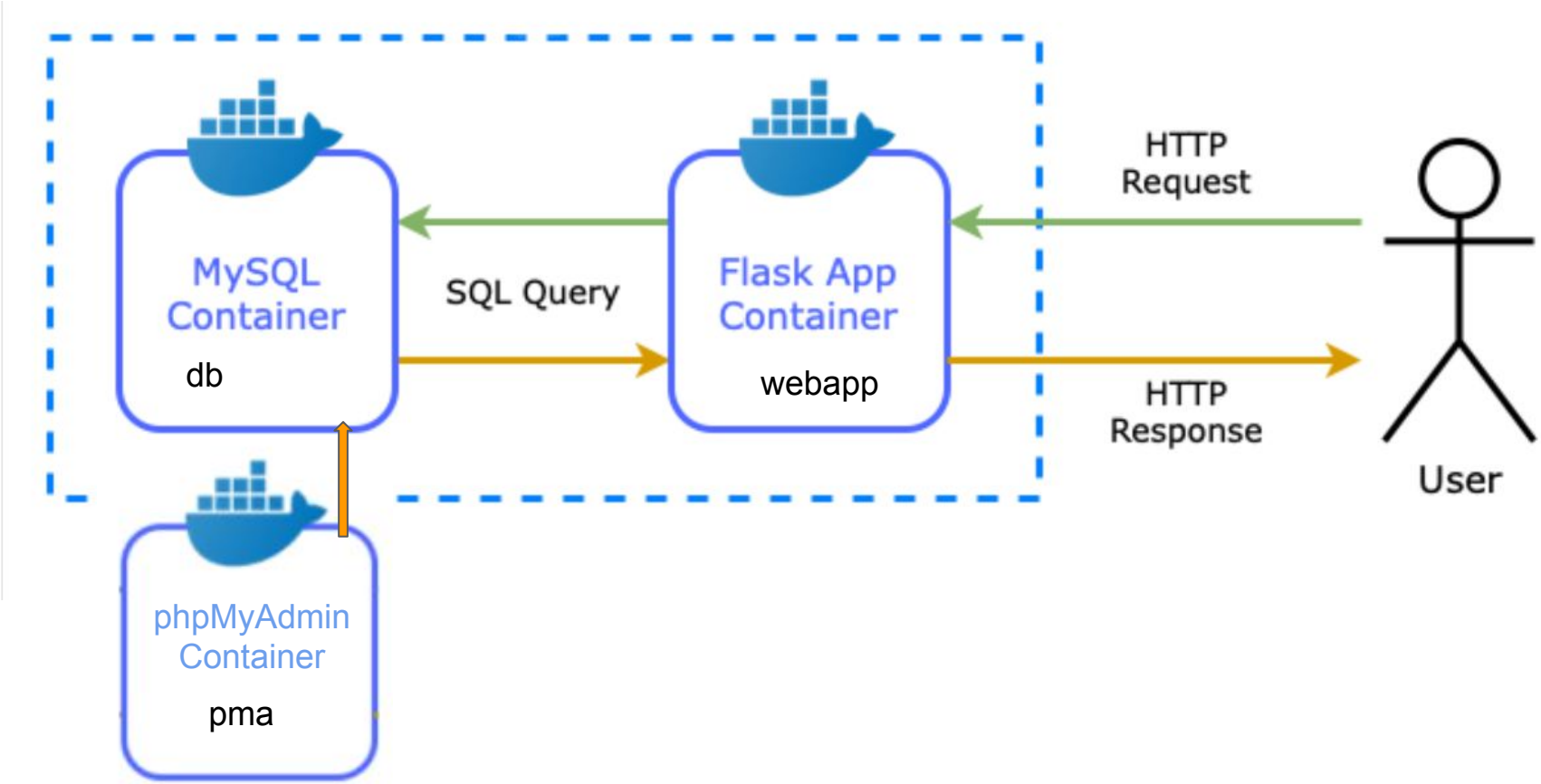

Fig. 2

MoSCoW Chart

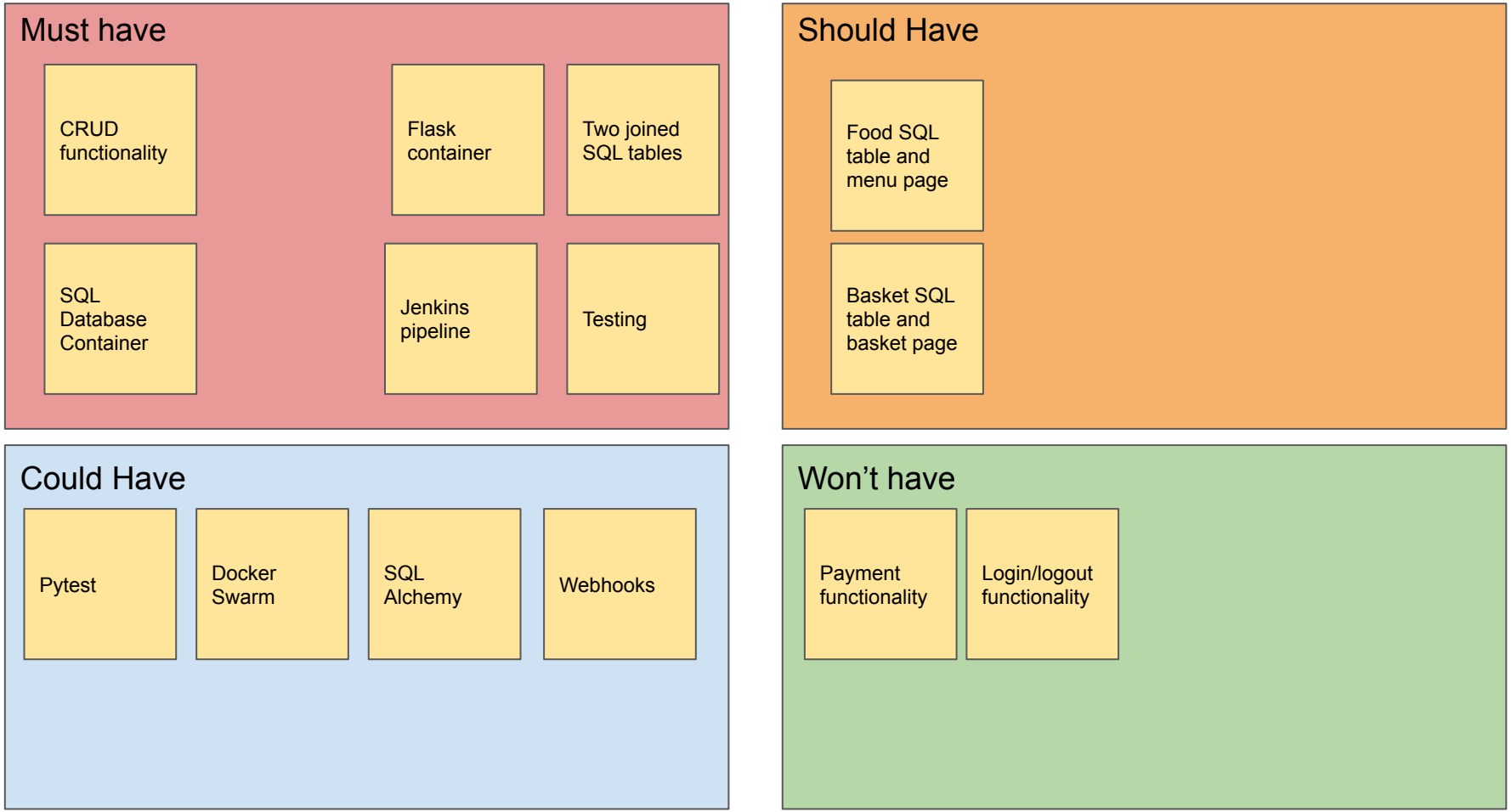

Fig. 3

User journey

Start → End

Landing (menu) page

As a user	As a user	As a user
I want to be to see food options available	I want to be able to add items to a basket	I want to be able to enter my address
so that I choose a meal/meals.	so that I can confirm my order	so that the food can be delivered to me.
Story acceptance criteria	Story acceptance criteria	Story acceptance criteria
I can see the food options displayed on the screen.	I have added my items to the basket and can proceed to the basket.	I have submitted my address .

Basket page

As a user	As a user	As a user	As a user
I want to be able to update my address	I want to be able to empty the basket and start my order again	I want to be able to see the total cost of my basket	I want to be able to confirm my order
so that I can enter the correct one if I made a mistake.	so I can re-select the food I want.	so that I can consider my order before I confirm it.	so that I can complete my purchase.
Story acceptance criteria	Story acceptance criteria	Story acceptance criteria	Story acceptance criteria
I have re-submitted my address.	I have emptied the basket and returned to the menu page.	I can see the total cost of my basket on the basket page.	I have confirmed my order and progressed to the order confirmation page.

Fig. 4

Agile Project Management using Jira

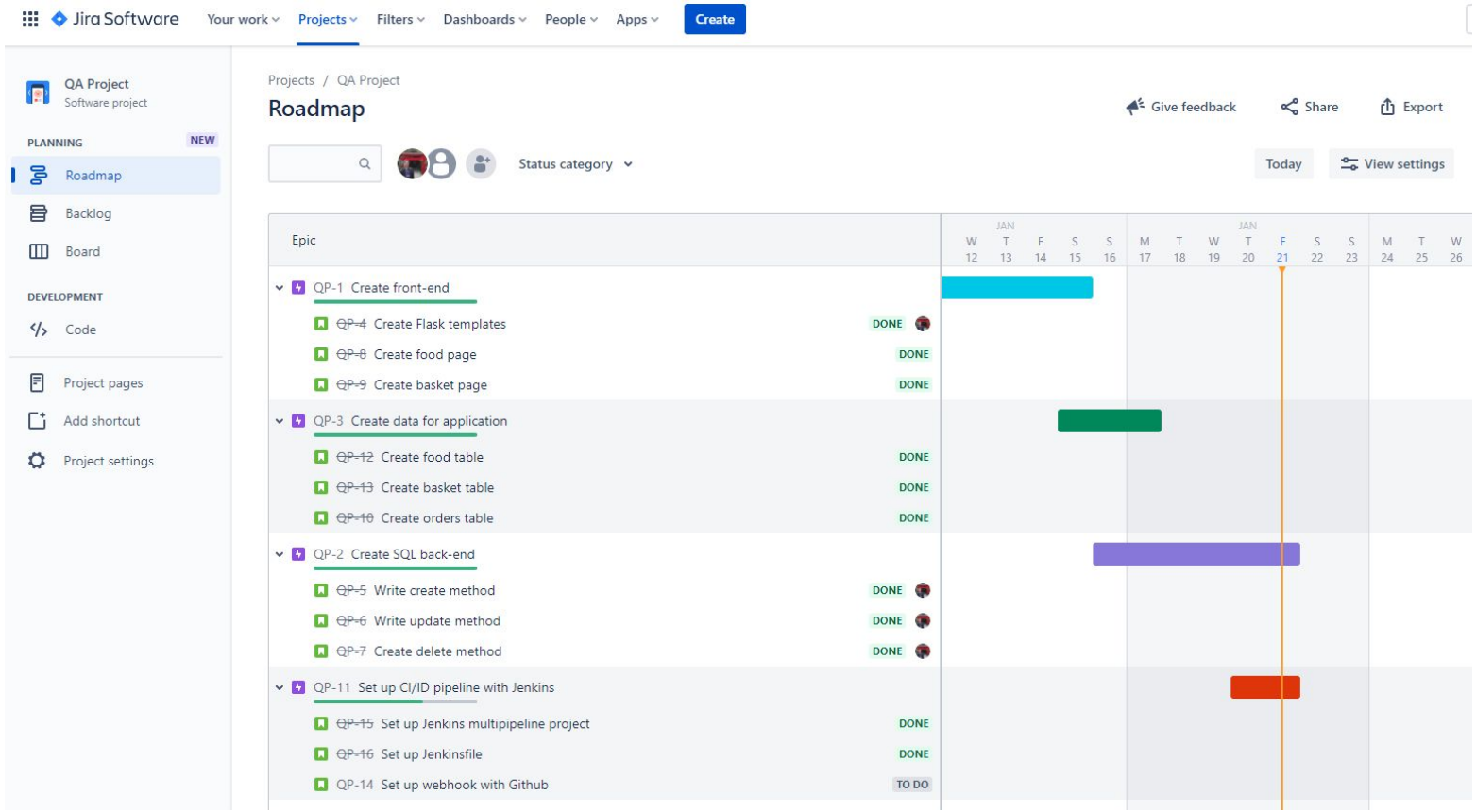

Fig. 5

Entity Relationship Diagram

	Food		
	FoodID	int	NOT NULL, AUTOINCREMENT
	FoodName	varchar(255)	NOT NULL
	FoodPrice	float	NOT NULL
	FoodCalories	int	NOT NULL
	FoodImage	varchar(255)	

	Basket		
	RowID	int	NOT NULL, AUTOINCREMENT
	Basket Ref	varchar(255)	
FOR. KEY	FoodID	int	
	OrderTime	varchar(255)	
	Cost	Float	

Fig. 6

Entity Relationship Diagram (next steps)

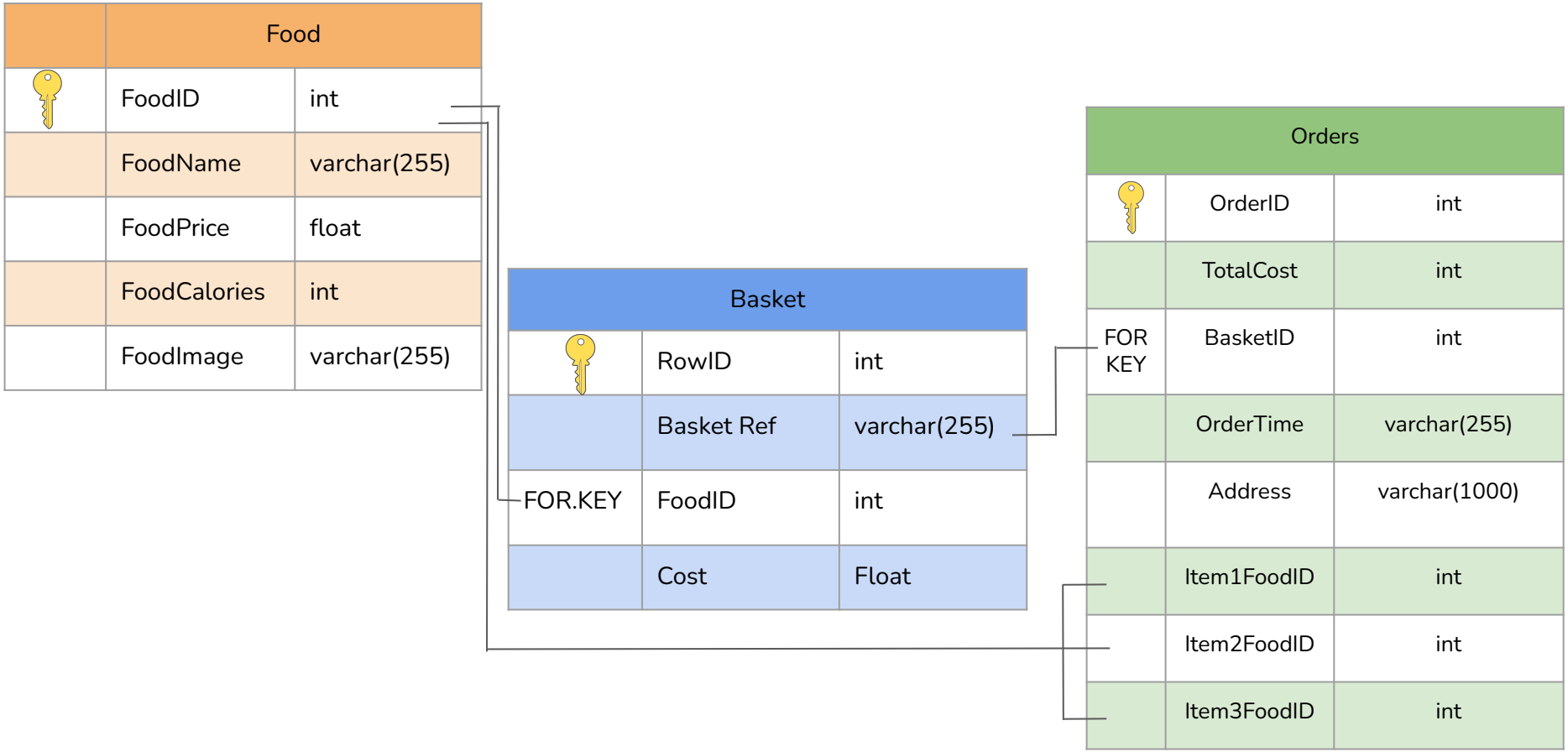

Fig. 7 - Unit test success in Jenkins pipeline

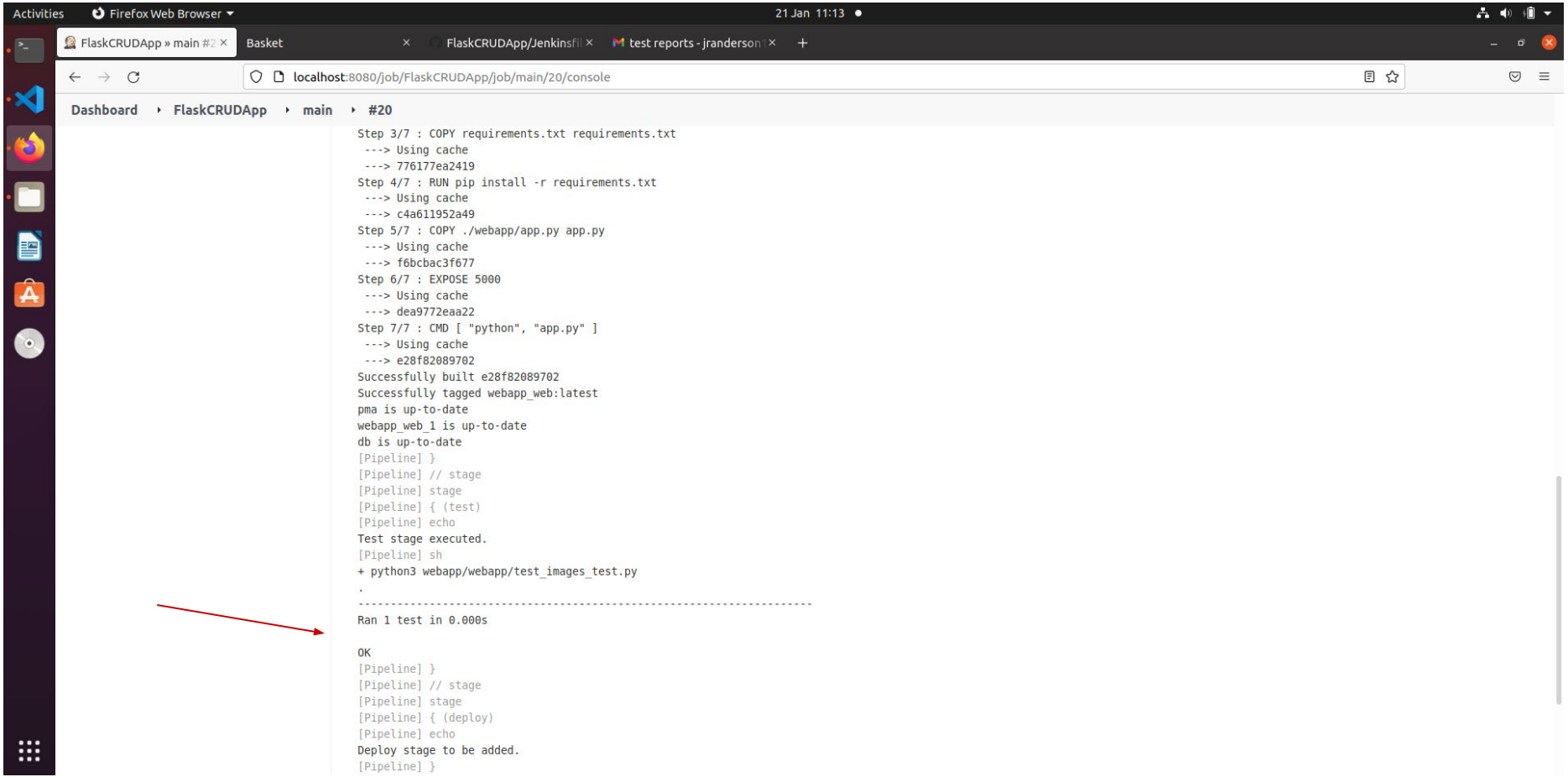

Fig. 8 - Unit test success in IDE

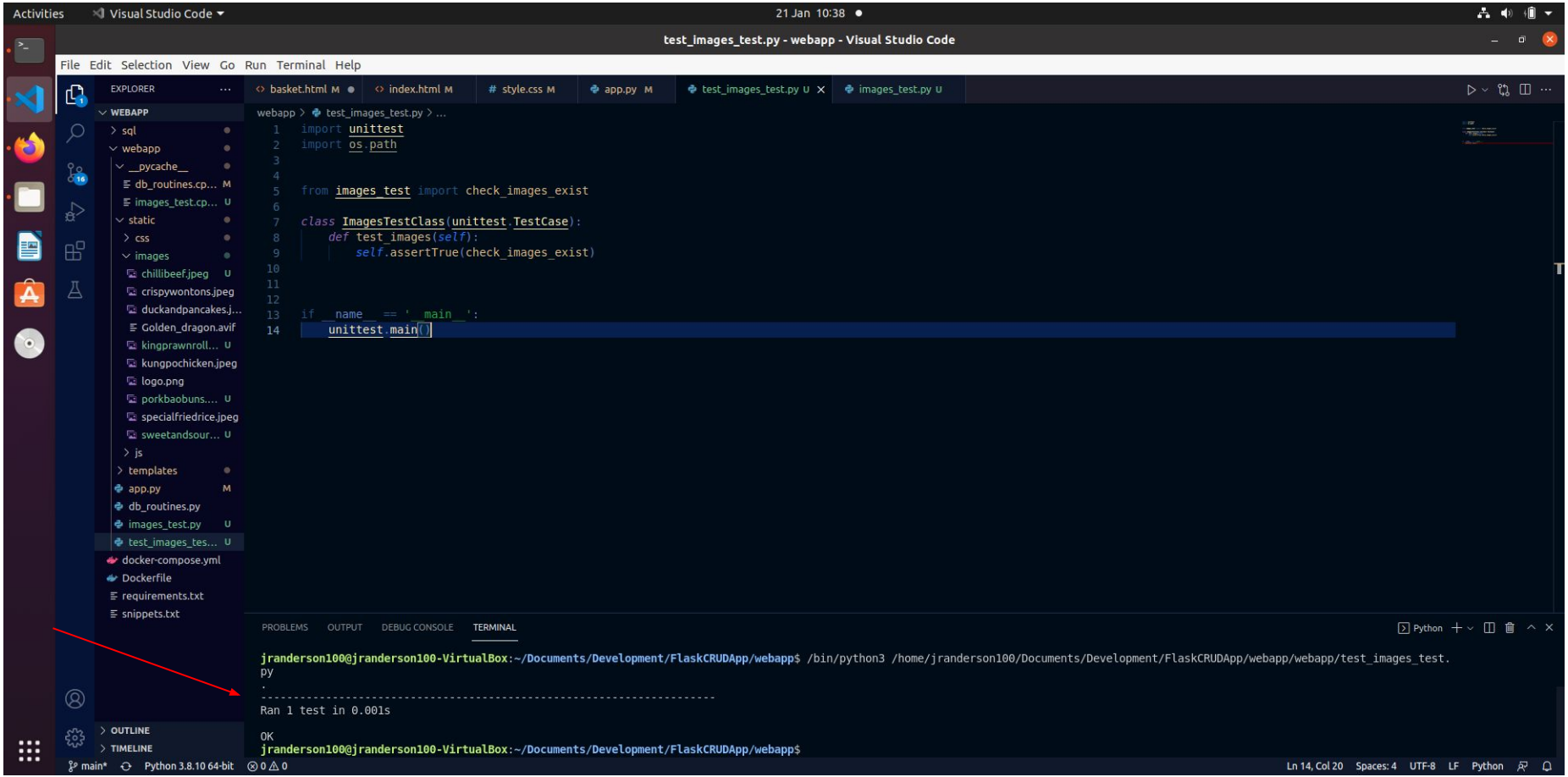

Fig. 9 Github web hook triggering Jenkins

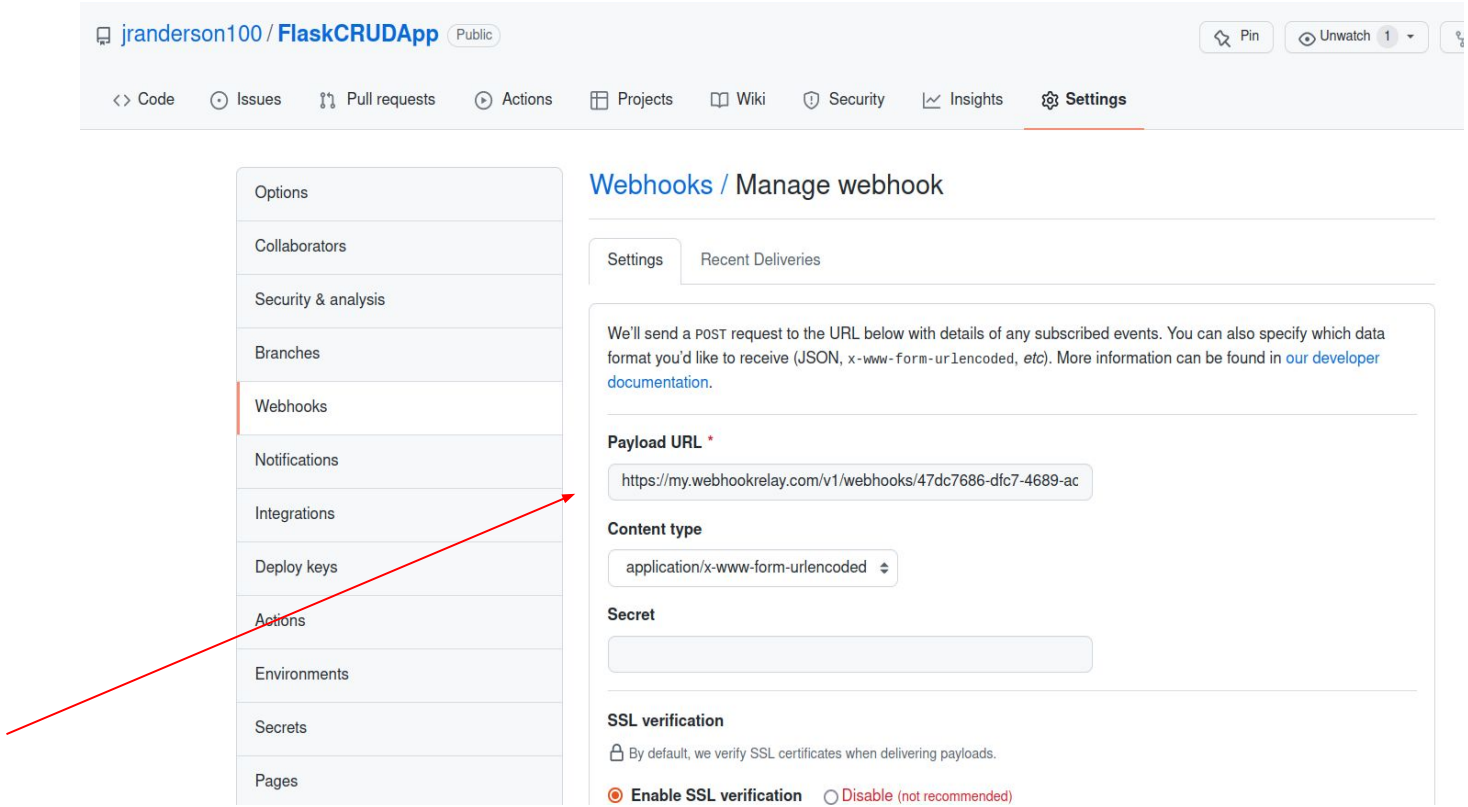
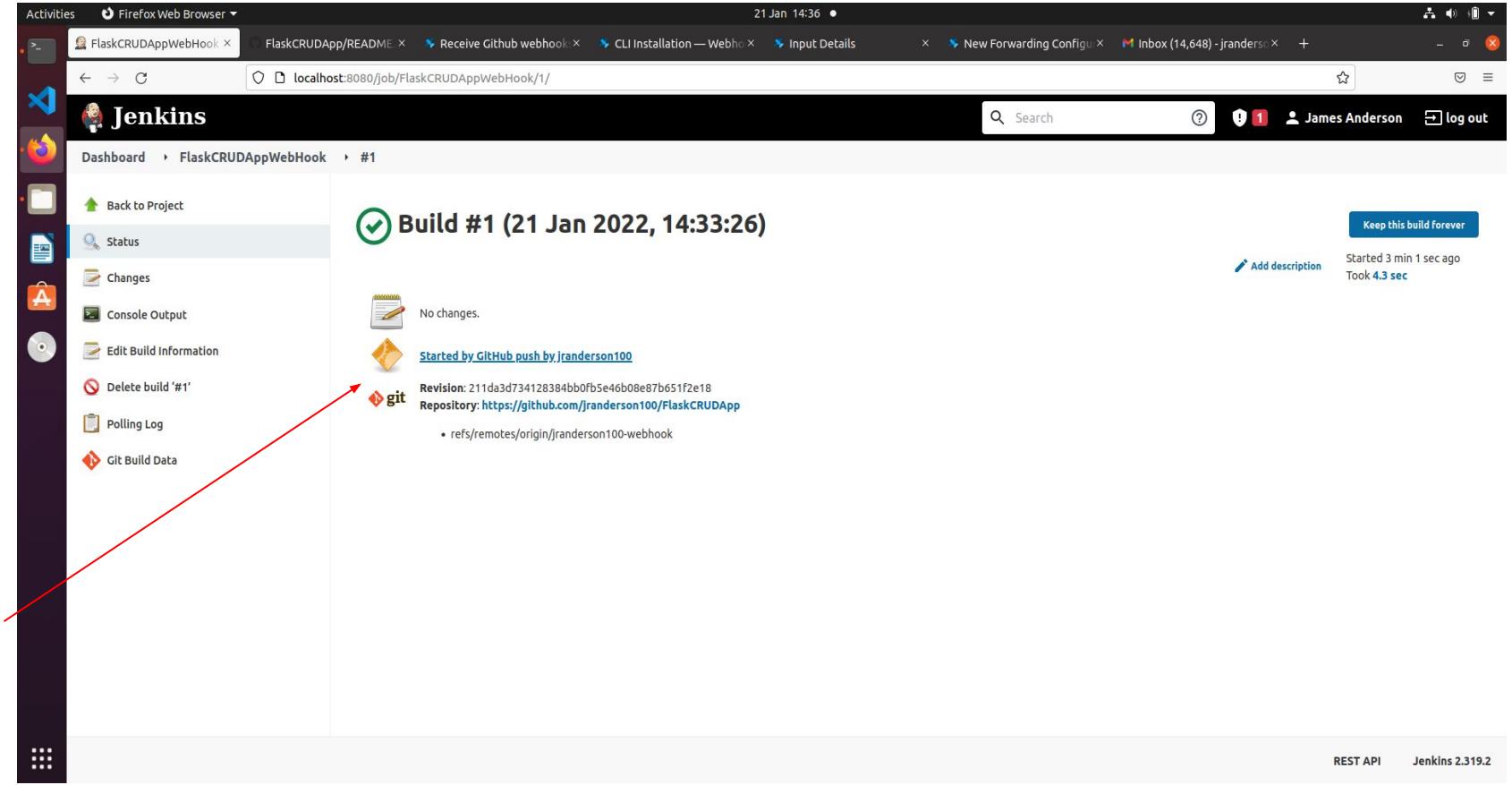
Fig. 10 Github web hook triggering Jenkins