**Video 1**

1. npm install vuex
2. mutations property is only recommended way to change state in vuex store
3. mutaion can change directly but it will keep track of changes ini state very useful during debugging

**Video 2**

1. Vue create vue-tutorial
2. **npm install bootstrap** and **npm install jquery** and **npm install jquery popper.js** for error jquery not installed
3. Bootstrap V4 snippets

**Video 3**

1. **Cmd\_promt:npm install vuex**
2. Create store folder ->index.js
3. npm install axios
4. Mutations are best and recommended place to change vuex state data. Because Mutations can communicate with Vue dev tool and helps in debugging. On the other hand "getters" are to fetch data from Vuex state. It is same as computed property of Vue.

**Error:**PHP Parse error: Unexpected character "" (ASCII 19) on line 1

Sol:database not migrated

Error: Class App\Http\Controllers\Api\ProductController does not exist

ProductController and ProductCartController should come in Api folder as it was outside

Route::group(['namespace'=> 'Api'],function(){

Error: Access to XMLHttpRequest at 'http://127.0.0.1:8000/api/products' from origin 'http://localhost:8080' has been blocked by CORS policy: No 'Access-Control-Allow-Origin' header is present on the requested resource.

Sol: **Composer require fruitcake/laravel-cors** and install an other features refer to composer ocrs installation

**Video 4**

1.Error: Cannot read property 'id' of undefined

sol: props not defined

:product="product"

**Video 5**

1. Error: Duplicate keys detected: '2'. This may cause an update error.

Sol: return item.product.id === product.id;//made error only single = sign

**Video 9**