**Issues I have faced while working in one page checkout extension task**

1. **Problem:**

In checkout\_index\_index.xml, If I tried to add payment method shipping methods, I need to set form for shipping address to add address for logged in customer and add address form foe guest user when I used different phtml it displays 2 times the same content   
  
solution:

So, I have used a single phtml file in the layout file.

2) **Problem:**  
 In the form add address we need to include country and states dropdown  
I have used I get the details in array but didn’t declare foreach in template. Hence it shows error  
  
  
solution:

I have used foreach in the template file to resolve this issue   
<?php foreach ($block->getRegions() as $region): ?>

<option value="<?php echo $region['value']; ?>"><?php echo $region['label']; ?></option>  
like this for both country and region.

3) **Problem:**

In the table CSS alignment faced some alignment issues   
  
 solution:

Change the alignment to display order summary in the detailed table.

4) **Problem:**

In the fetching backend payment methods faced an error  
   
 solution:

Used scope config integration and declared in isPaymentMethodsActive  
 using interface fetched the active payment payment methods only and assigned radio button where the customer can select their specific needed payment methods through radio button.

5) **Problem:** place order, tried to do place order using controller file but faced many issues on that so changed the idea to place order using js file   
  
 solution:

Need to give form name correctly in the js file after that the place order is working correctly   
  
 6) **Problem:** after place order I need to redirect to success page used plugin for that in redirect, but it's not worked  
   
 solution:

In the plugin file given routes name wrong so when I corrected that mistake   
it correctly redirects to the success page   
  
 7) **Problem:** errors faced in shipping methods   
  
 solution:  
 used to helper file and fetched the active carriers and used that helper file in the block shipping methods function methods to fetch the active shipping methods in from the backend and added radio buttons to select the methods where the customer can select their needed methods   
   
 8) **Problem:**

to fetch address for guest customer   
  
 solution:

Used address repository so it doesn’t work properly for guest user so for used address factory for guest user its fetch the address correctly   
  
 9) **Problem:**

faced in place order for guest user  
  
 solution:

Used to quote management for place order is not working correctly used cart management and passed order id then it correctly places order  
  
 10) **Problem:**

saving form details   
  
 solution: in this task we used to 2 forms for logged in and guest   
for logged it need to save new address in customer\_address\_entity table and for guest sales\_order\_address so where the redirection url is the main thing in the javascript file then only it will check with controller file