```php
<?php
    include('session.php');
    if ($db->connect_error) {
        die("Connection failed: " . $db->connect_error);
    }

    $orcId = $maxOrcID;
    $sqlJob = "SELECT id,jobId,description FROM orcJobs WHERE orchestrations_id =
    '".$orcId."'";
    $sqlRule = "SELECT id,ruleId,ruleName FROM orcRules WHERE orchestrations_id =
    '".$orcId."'";
    $sqlEnd = "SELECT id,endNode FROM orcEndNode WHERE orchestrations_id =
    '".$orcId."'";
    $sqlOrc = "SELECT startJobId FROM orchestrations WHERE id = '".$orcId."'";
    $sql_f_edges = "SELECT * FROM orcFollowsEdge WHERE orchestrations_id =
    '".$orcId."'";
    $sql_f_edges2 = "SELECT * FROM orcFollowsEdge";
    $sqlTst1 = "SELECT * FROM orcJobs WHERE orchestrations_id = 52";
    $sqlTst2 = "SELECT id,ruleId,ruleName FROM orcRules WHERE orchestrations_id = 48";

    $resultJob = $db->query($sqlJob);
    $resultJob2 = $db->query($sqlJob);
    $resultRule = $db->query($sqlRule);
    $resultEnd = $db->query($sqlEnd);
    $resultOrc = $db->query($sqlOrc);
    $resultFollows = $db->query($sql_f_edges);
    $testJobs = $db->query($sqlTst1);
    $testJobs2 = $db->query($sqlTst1);
    $testRules = $db->query($sqlTst2);

    $data = array();
    if ($resultFollows->num_rows > 0) {
        while($rowFollows = $resultFollows->fetch_assoc()) {
            $data[] = $rowFollows;
        }
    }

    $db->close();
?>


<!-- basic form start -->

<div class="col-12 mt-5">
    <div class="card">
        <div class="card-body">
            <form action="addFollows.php" method="POST" onsubmit="return
            validateMyForm();">
                <div class="form-group">
                    <label class="col-form-label">Starting Node</label>
                        <select class="custom-select" id="followsStartingNode"
                        onchange="avoidDpt(this)" name="followsStartingNode" >
                        <option value="-1" selected="true"
                        disabled="disabled">Choose Node</option>
                        <?php
                            if ($resultJob->num_rows > 0) {
                                while($row = $resultJob->fetch_assoc()) {
                                    $existJob = false;
                                    $sJob = $row["jobId"];
                                    foreach ($data as $key => $value) {
                                        if($value['startingNode'] == $sJob){
                                            $existJob = true;
                                        }
                                    }
                                    if($existJob == false){
                                        echo "<option value='$sJob'>(JOB) ".$sJob."
                                        - ".$row["description"]."</option>";
                                    }
                                }
                            }
                                if ($resultOrc->num_rows > 0) {
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65                                 while($orc = $resultOrc->fetch_assoc()) {
66                                     $startJobId = $orc["startJobId"];
67                                 }
68                             }
69                         ?>
70                         </select>
71                         <input type='hidden' id='sNodeType' name='sNodeType'
                           value='J'>
72                 </div>
73                 <div class='form-group'>
74                     <label class='col-form-label'>Reaching Node</label>
75                         <select class="custom-select" id="followsReachingNode"
                           name="followsReachingNode" onchange="val(this)">
76                         <option value="-1" selected="true"
                           disabled="disabled">Choose Node</option>
77                         <?php
78                             if ($resultJob2->num_rows > 0) {
79                                 while($row = $resultJob2->fetch_assoc()) {
80                                     $pivot = $row['jobId'];
81                                     $jobId = $row['id'];
82
83                                     if($startJobId != $jobId){
84                                         echo "<option Ntype='J' value=
                                           '$pivot'>(JOB) ".$pivot." -
                                           ".$row["description"]."</option>";
85                                     }
86                                 }
87                             }
88
89                             if ($resultRule->num_rows > 0) {
90                                 while($rowRule = $resultRule->fetch_assoc()) {
91                                     $pivot2 = $rowRule['ruleId'];
92                                     echo "<option Ntype='R' value= '$pivot2'> (RULE)
                                       ".$pivot2." - ".$rowRule["ruleName"]."</option>";
93                                 }
94                             }
95                             if ($resultEnd->num_rows > 0) {
96                                 while($rowEnd = $resultEnd->fetch_assoc()) {
97                                     $pivot3 = $rowEnd['id'];
98                                     $endValue = $rowEnd['endNode'];
99                                     echo "<option Ntype='E' value= '$endValue'>(END)
                                       ".$pivot3."</option>";
100                                }
101                            }
102                        ?>
103
104                        </select>
105                        <input type="hidden" id="rNodeType" name="rNodeType"
                           value="-">
106                </div>
107                <input class="btn btn-primary mt-4 pl-4 pr-4" type="submit"
                   value="Add Follows Edge" name="sbtn" id="sbtn">
108            </form>
109        </div>
110     </div>
111 </div>
112 <script type="text/javascript">
113
114     function avoidDpt(uc){
115
116         var res=uc.value;
117         var select =
            document.getElementById("followsReachingNode").getElementsByTagName("option");
118
119         select[0].selected = true;
120         for (var i = 0; i < select.length; i++){
121             var type = select[i].getAttribute("Ntype");
122             console.log(select[i].value +" - "+ type);
123             if(type == "J"){
124                 (select[i].value == res)
125                     ? select[i].disabled = true
126                     : select[i].disabled = false;
```

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127                    }
128                }
129            }
130        function val(fth){


132
133            var type = fth.options[fth.selectedIndex].getAttribute("Ntype");
134            document.getElementById("rNodeType").value = type;
135        }
136
137        function validateMyForm(){
138            var res1 = document.getElementById("followsStartingNode").value;
139            var res2 = document.getElementById("followsReachingNode").value;
140            if(res1 == -1 || res2 ==-1){
141                alert("Choose Nodes!")
142                return false;
143            }
144            return true;
145        }
146    </script>
147    </body>
148    </html>
```