

material
<ul style="list-style-type: none"> <li>- id: integer NOT NULL [PK]</li> <li>- course_id: integer NOT NULL [FK]</li> <li>- master_type_id: integer NOT NULL [FK]</li> <li>- title: char</li> <li>- description: char</li> <li>- detailed_description: char</li> </ul>

master_type
<ul style="list-style-type: none"> <li>- id: integer NOT NULL [PK]</li> <li>- master_type_code: char</li> <li>- master_type_name: char</li> </ul>

Users
<ul style="list-style-type: none"> <li>- id: integer NOT NULL [PK]</li> <li>- full_name: char</li> <li>- username: char</li> <li>- about_me: char</li> <li>- role_id: integer NOT NULL [FK]</li> <li>- email: char</li> <li>- password: char</li> <li>- profile_img: char</li> </ul>
<ul style="list-style-type: none"> <li>+ login()</li> <li>+ register()</li> <li>+ editProfile()</li> <li>+ enrollCourse()</li> </ul>

Course
<ul style="list-style-type: none"> <li>- id: integer NOT NULL [PK]</li> <li>- course_name: char</li> <li>- short_desc: char</li> <li>- level: integer</li> <li>- course_img: char</li> <li>- screen_resolution: char</li> <li>- minimum_ram: char</li> <li>- processor: char</li> <li>- operating_system: char</li> <li>- other_programs: char</li> <li>- total_module: integer</li> <li>- total_time: integer</li> <li>- students_enrolled: integer</li> </ul>
<ul style="list-style-type: none"> <li>+ addCourse()</li> <li>+ showCourseDetail()</li> <li>+ showCourseList()</li> </ul>