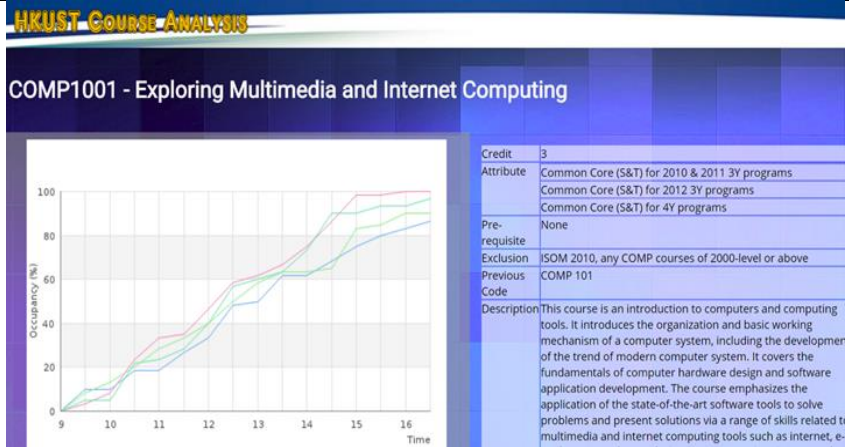
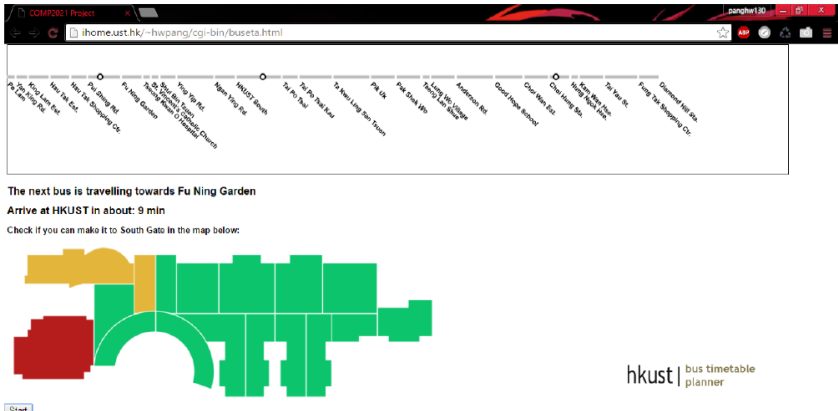
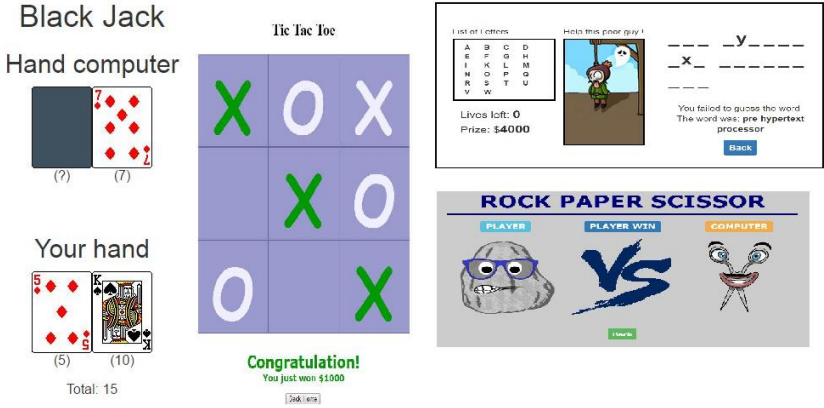
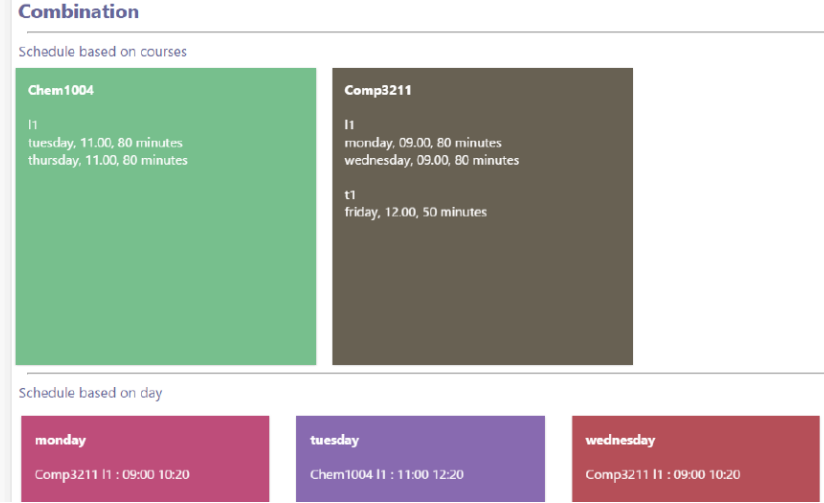
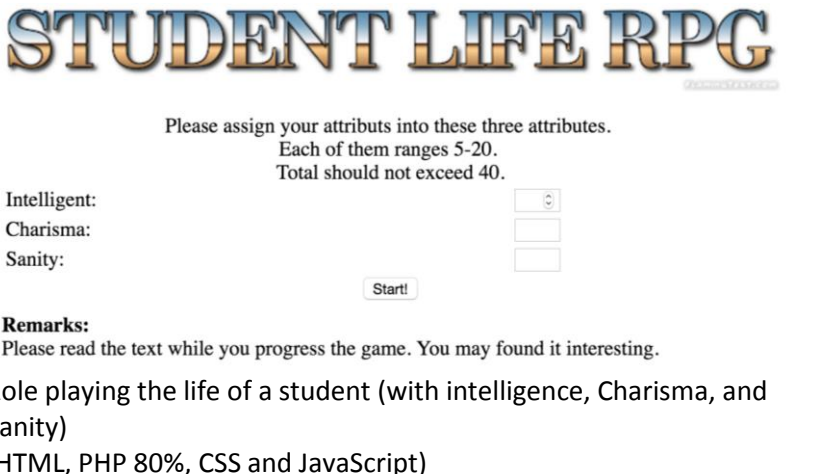
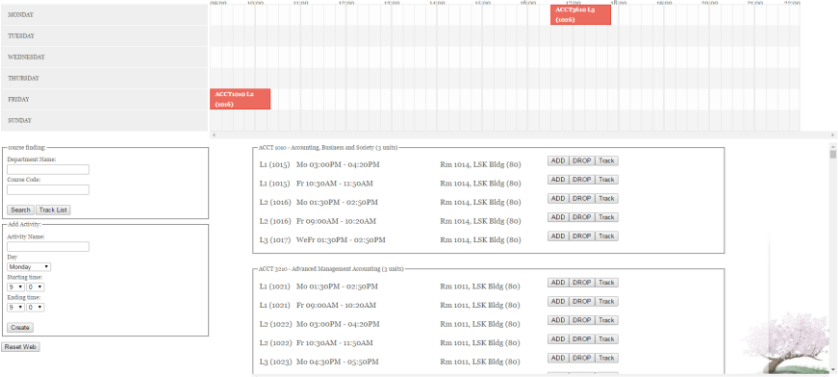

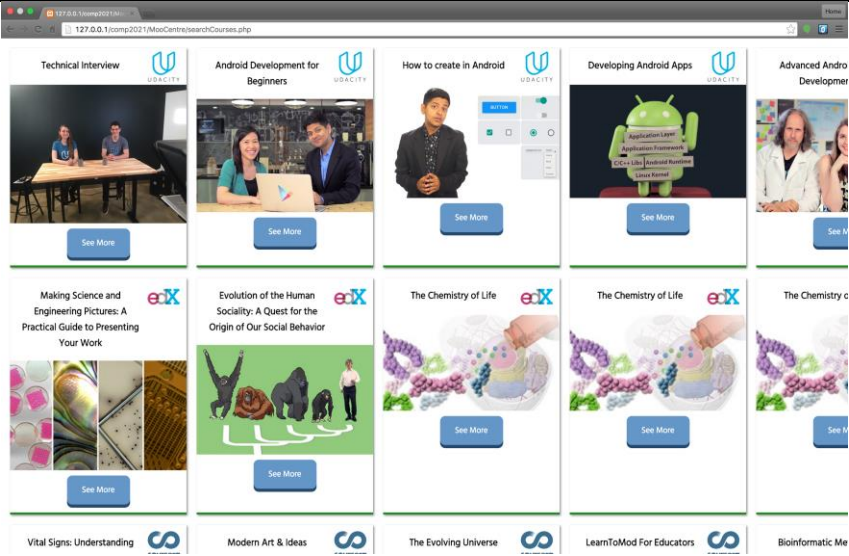



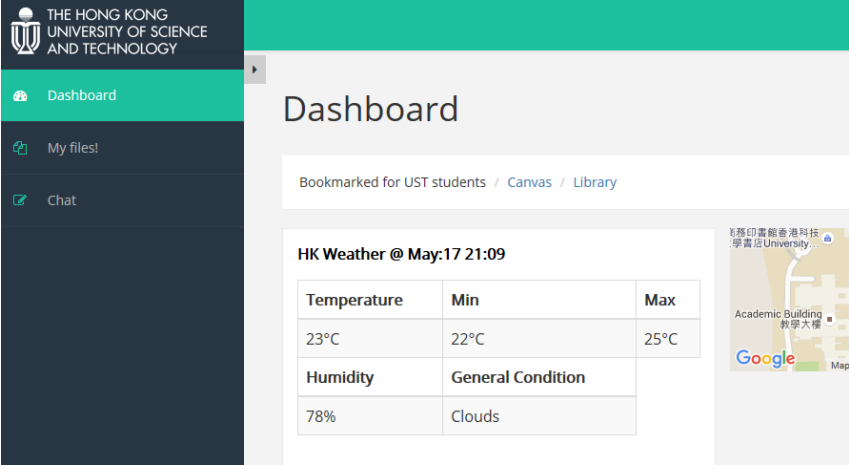
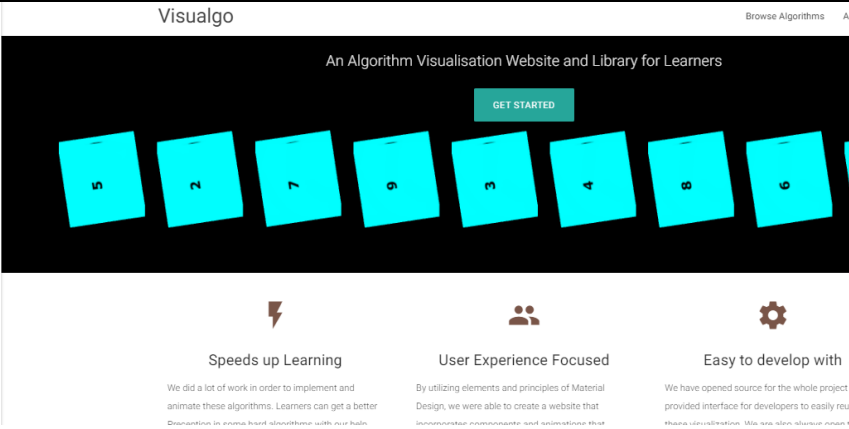
# COMP2021 Spring 2016 Project List


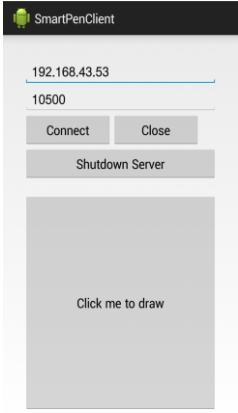

Project id	Project Topic	Snapshot
<b>Project 1</b>  Apr 26 1 (Team: Trine)	HKUST Course Analysis	 <p>An automated gabber PHP script download the enrollment data from “Class Schedule and Quota”, and generate analysis of past enrollment</p> <p>(Server: PHP script by PHPStorm, Client: HTML and JavaScript with DreamWeaver, Database: SQLite, DOM library and FirePath for HTML parsing)</p>
<b>Project 2</b>  Apr 26 2 (Team: Radon)	HKUST Bus Timetable Planner	 <p>A dynamic web application to help HKUST students to find out ETA (estimated arrival time) of bus, guide on walking time from UST location to bus stop</p> <p>Live demo: <a href="http://ihome.ust.hk/~hwpang/cgi-bin/buseta.html">http://ihome.ust.hk/~hwpang/cgi-bin/buseta.html</a></p> <p>Server-side fetches arrival information from <a href="http://etav2.kmb.hk">http://etav2.kmb.hk</a></p> <p>Client-side: HTML, JS and CSS, drawing by Photoshop)</p>

<p><b>Project 3</b></p> <p>Apr 26 3 (Team: Team2021 )</p>	<p>Arcade Game Center</p>	<div data-bbox="602 199 1421 604">  </div> <p>An online platform that contains old interesting arcade games, Blackjack, Tic Tac Toe, Hangman, Rock Paper Scissor (Server: PHP, Client: HTML5+jQuery+JavaScript+AJAX, UI: HTML+CSS. XAMPP, Notepad++, Photoshop, \$_SESSION for Hangman game)</p>
<p><b>Project 4</b></p> <p>Apr 26 4 (Team: Dayoff)</p>	<p>Days Off Creator</p>	<div data-bbox="602 783 1421 1283">  </div> <p>A web portal to help students to schedule their courses to enjoy a “day off”. (XAMPP, PHPStrom, HTML, CSS, jQuery library)</p>
<p><b>Project 5</b></p> <p>Apr 26 5 (Team: JE)</p>	<p>Student Life RPG</p>	<div data-bbox="602 1423 1421 1900">  <p>Role playing the life of a student (with intelligence, Charisma, and Sanity) (HTML, PHP 80%, CSS and JavaScript)</p> </div>

<p><b>Project 6</b></p> <p>May 3 1 (Team: )</p>	<p>Courses Register Timetable</p>	 <p>A more flexible timetable assistant than the one provided by ARR: sit-in courses, skip lectures, etc.</p>
<p><b>Project 6+</b></p> <p>May 3 2 (Team: Excited)</p>	<p>USTeacher</p>	 <p>Online Review Platform for UROP and Language courses  Video demo <a href="https://youtu.be/U1HHIUiZICg">https://youtu.be/U1HHIUiZICg</a>  Source at github: <a href="https://github.com/DU-Xinnan/2021Project">https://github.com/DU-Xinnan/2021Project</a></p> <p>(Server-side: PHP and mySQL, client-side: HTML, CSS, JavaScript.  Bootstrap and D3 libraries for better UI)</p>

<p><b>Project 7</b></p> <p>May 3 3 (Team: BetaLixin)</p>	<p>MOOC Center</p>	 <p>Scrape courses from various MOOC platform and integrate in one webpage (retrieve MOOC course information by API provided and save in JSON format, Git and GitHub for version control and collaboration)</p>
<p><b>Project 8</b></p> <p>May 3 4 (Team: \$name)</p>	<p>Tank ShockWave</p>	 <p>An STG stand-alone/online game (CANVAS tags in HTML5 for basic drawing, JavaScript to manipulate graphical elements, AJAX and MySQLi)</p>

<p><b>Project 9</b></p> <p>May 3 5 (Team:</p>	<p>UST Dashboard</p>	 <p>A convenient tool for UST students: weather information, UST webmail login, file transfer and live chat. The website is available at <a href="http://www.comp2021.net/">http://www.comp2021.net/</a> (Eclipse, CodePlex, Openmapweather.org JSON API + AJAX, CSS, bootstrap)</p>
<p><b>Project 10</b></p> <p>May 3 6 (Team: Dennis Ritchie)</p>	<p>Algorithm Visualization</p>	 <p>A graphic website and library for algorithm learners and web developers. 3D demos on sorting algorithm and Dijkstra's algorithm. Live demo <a href="https://visualgo.herokuapp.com/">https://visualgo.herokuapp.com/</a> Video <a href="https://www.youtube.com/watch?v=3eqa27JvZwg">https://www.youtube.com/watch?v=3eqa27JvZwg</a> GitHub <a href="https://github.com/iamacewhite/comp2021">https://github.com/iamacewhite/comp2021</a> (Laravel PHP framework, WebGL, PHP, HTML5, CSS and JavaScript, material design)</p>

<b>Project 11</b>  May 3 7 (Team: ...)	Cleaner Shell Script for Apple Users	 <pre> The chrome Caches size is 1 MB The firefox Caches size is 2 MB The safari Caches size is 0 MB  Browser installed: GoogleChrome Firefox Safari  do you want to delete browser caches 1 yes 2 no </pre> <p>Shell script that delete file in apple devices (Mac and iDevice) for maintenance (e.g. clear trash and browser cache, backup) (OpenSSH and MobileTerminal on Cydia for jailbreaking)</p>
<b>Project 12</b>  May 3 8 (Team: Hazy Shade)	Deadline Fighter	
<b>Project 13</b>  May 3 10 (Team: )	Smart Pen	<div data-bbox="584 1018 820 1428">  </div> <div data-bbox="820 1018 1404 1444">  </div> <p>Turn a smart phone into a smart pen  (PHP server socket, Android Application Client with Java for accelerometer readings, HTML5 canvas with JavaScript, HTML and CSS)</p>