



Picture	Name	Individual contribution	Role and responsibility	Workload in hours
	Xin Wen	<b>Use case 1:</b> <ul style="list-style-type: none"> <li><b>Frontend:</b> search result view and components design (display in list and map, google APIs)</li> <li><b>Backend:</b> copy shop search function, price calculation function</li> </ul> <b>Use case 2:</b> <ul style="list-style-type: none"> <li><b>Frontend:</b> Form validation, order slice</li> <li><b>Backend:</b> create order ; order: routes, model, controller;</li> </ul> <b>Global case:</b> <ul style="list-style-type: none"> <li><b>Frontend:</b> routes, header+feature login</li> <li><b>Backend:</b> copyshop,customer, order(routes, model, controller); mongodb setup</li> </ul>	<ul style="list-style-type: none"> <li>Role: front-end / backend developer</li> <li>Responsibility: Use case 1, use case 2, global case</li> </ul>	Total: 184 hrs  8 weeks *average 23h per week
	Zixi Chen	<b>Use Case 3:</b> <ul style="list-style-type: none"> <li><b>Frontend:</b> Order management table, order status update, display information from the backend. (read,update)</li> <li><b>Backend:</b></li> </ul> <b>Use Case 4:</b> <ul style="list-style-type: none"> <li><b>Frontend:</b>Fill in and submit reviews, display reviews ,star rating, average rating calculation.(create, read)</li> <li><b>Backend:</b>Database Schema Design</li> </ul>	<ul style="list-style-type: none"> <li>Role: front-end / backend developer</li> <li>Responsibility:Use case 3, use case 4</li> </ul>	Total: 160hrs  8 weeks * around 20 h per week
	Maoying Yang	<b>Use case 2:</b> <ul style="list-style-type: none"> <li><b>Frontend:</b> " order placement components" design;</li> <li><b>Backend:</b> "copyshop": routes, model, controller;</li> </ul> <b>Use case 4:</b> <ul style="list-style-type: none"> <li><b>Frontend:</b> copyshop page view and components design; review form validation</li> <li><b>Backend:</b> review: routes, model, controller;</li> </ul> <b>Global case:</b> <ul style="list-style-type: none"> <li><b>Frontend:</b> global UI-design with material UI and CSS</li> <li><b>Backend:</b> schema structure design; mongodb setup</li> </ul>	<ul style="list-style-type: none"> <li>Role: front-end / backend developer</li> <li>Responsibility:Use case 2, use case 4, global case</li> </ul>	Total: 160 hrs  Example calculation: 8 weeks *min 5d per week* min. 4h per day = min.160h
	Shun Long Hong	<b>Use case 1:</b> <ul style="list-style-type: none"> <li><b>Front-end:</b> Document specification form component + reducers, Template component, Search specification form component + reducers, file upload (file provider)</li> <li><b>Backend:</b> File upload (handling file, access concept to file)</li> </ul> <b>Use Case 3:</b> <ul style="list-style-type: none"> <li><b>Front-end:</b> order management table (document specifications, multi select filter, provision of file for download, ), Sales KPI component</li> <li><b>Backend:</b> file provisioning (accept order &gt; serving file)</li> </ul> <b>Global case:</b> <ul style="list-style-type: none"> <li>User management (change password, delete account)</li> <li>Admin page (overview of all users, delete individual users)</li> </ul>	<ul style="list-style-type: none"> <li>Role: front-end / backend developer</li> <li>Responsibility: Use case 1, use case 3</li> </ul>	Total: approx. 150 hrs  8 weeks * 16hrs per week + 20% for react course