

SubContracting app project

<div>CONCEPT<div></div></div> <div>The project is to develop a mobile app supporting for contractor and subcontractor to manage the project progress, working time and all labor billing related to projects.</div>		<div>OBJECTIVES & PURPOSES<div></div></div> <div><div><div>➤ Support contractors to manage the project, project labors and payment.</div><div>➤ Support subcontractor to proactively manage their tasks through requirements and having accurate working records for payments.</div></div></div>		<div>VALUES<div></div></div> <div><div><div>✓ Contribute to resolve the business dispute between contractor and subcontractors.</div><div>✓ Protect parties from risks or work unfair by transparent records of work sessions</div><div>✓ Save time, cost and less paper works in project management.</div></div></div>													
<div>PERSONAS</div> <div><div><div>Contractor:</div><div><div>- Need to manage the project under an easy and efficient way and can save time, cost and efforts.</div><div>- Worry for labor waste time and legal involved in contract.</div></div></div><div><div>Contractor:</div><div><div>- Need to evidence for working time and process.</div><div>- Worry for unfair or inaccurate working time calculation.</div></div></div></div>	<div>PROBLEMS TO SOLVE</div> <div><div><div>• Manage projects with requirements, status, deadline.</div><div>• Automatically calculating and cannot modify working time on the system.</div><div>• Subcontractor can report task have done and contractor can verify the working time and tasks.</div><div>• Report of working time and payments</div><div>• Secure information involving project, contract, payment, personal details.</div><div>• Can download and keep report as evidence.</div><div>• Can communicate privately about project on system as evidence.</div></div></div>	<div>COMPONENTS</div> <div>The guest interface of the app including login and signup functions with 2 options: as a contractor or a subcontractor.</div> <div><div>- After proper login into the system as a contractor, it will navigate to contractor management interface with functions for contractors.</div><div>- Similarly, after proper login into the system as a subcontractor, it will navigate to contractor management interface with functions for subcontractors.</div><div>- Subcontractor only can login as a subcontractor in system; cannot login or use functions for contractor and vice versa.</div></div>															
		<div>FEATURES</div> <div><div><div>➤ User can signup and login as a subcontractor or contractor.</div><div>➤ The system will calculate the working hours of subcontractors automatically and report for each day, week and month.</div><div>➤ Contractor and subcontractor can communication through the system by private chat channel.</div></div></div>		<div>MILESTONES</div> <table><tr><td>30 Aug</td><td>Kick-off meeting</td></tr><tr><td>13 Aug</td><td>Requirements Analysis start</td></tr><tr><td>20 Aug</td><td>Design and development period starts</td></tr><tr><td>11 Oct</td><td>Testing period starts</td></tr><tr><td>18 Oct</td><td>User instruction report</td></tr><tr><td>25 Oct</td><td>Release first version</td></tr></table>		30 Aug	Kick-off meeting	13 Aug	Requirements Analysis start	20 Aug	Design and development period starts	11 Oct	Testing period starts	18 Oct	User instruction report	25 Oct	Release first version
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<div>STAKEHOLDERS</div> <div>All people involved in or impacted by the project, such as:<div><div>▪ Project sponsors if applied.</div><div>▪ Project managers.</div><div>▪ All member of developing and testing team or testing participants.</div><div>▪ All users or clients.</div><div>▪ Apple or Google company if app is released on those systems.</div><div>▪ Open sources’ owners are used in developing process.</div><div>▪ ...</div></div></div>		<div>RISKS</div> <div><div><div>• Disclosure of personal information, such as contracts or payment details.</div><div>• Unexpected modification of working time, report, contracts or payment details.</div><div>• Inaccurately calculating of working time, location tracking due to network connection.</div><div>• Failure or inaccurate payment process or reports.</div><div>• Overload system, slowly responses to requests from users.</div></div></div>		<div>DELIVERBALES</div> <div><div><div>❖ Mobile eSubCon App as requirements.</div><div>❖ Database management system for the app.</div><div>❖ User instruction of the app.</div><div>❖ Project management document related to the app including project plan, requirement specifications, design description, testing plan and report.</div></div></div>													
<div>APP NAME</div> <div>eSubCon</div>	<div>CONTEXT OF USAGE & COVERAGE</div> <div>Full features are used with internet connection: Wifi or 3G</div>	<div>TECHNOLOGY</div> <div>Ionic and Vue Js Framework</div>	<div>PLATFORM, OS</div> <div>IOS and Android</div>	<div>ORIENTATION</div> <div>Both portrait and landscape</div>	<div>RELEASE</div> <div>Enterprise software product.</div>												