




MILESTONES:

All of the tasks are listed in bullet points below. The work is divided into categories and milestones; the work associated with Milestone 1 must be delivered first, but all of the work for the same category can be programmed simultaneously.


All Tasks marked with  are to be completed as part of milestone 1, valued at 28% of the total project cost. Due 7 days after project commencement.

All Tasks marked with  are to be completed as part of milestone 2, valued at 36% of the total project cost. Due 21 days after project commencement.





All Tasks marked with  are to be completed as part of milestone 3, valued at 36% of the total project cost. Due 44 days after project commencement.

TASKS:









General Improvement

-  Change CRON to run every 5 minutes.




Error management

-  Alerts for when Floating IP address is assigned to Indu2
-  Alerts for when Indu1 or Indu2 has any PHP error
-  Automatically notify admin if the website has a PHP error or if the webpage 125.63.50.136 is blank (White)
-  Update existing error and threat management system to send notifications to correct email address
















Quote Form:

-  Quote form dynamic - be able to accommodate for repairs/additions etc without needing the sub-categories {See dropdown menus. Instead of selecting Additions, repairs or Replacements first, we want to do it after the product is added to the cart, then the correct quote form is used to determine the price}
 - See custom select options at <http://tympanus.net/Development/ElasticProgress/>
-  Quote form to have dependent sub-questions (Used for text fields, to turn on and off the field) {See checkout page for address. Need to modify our admin area to create this type of option in our quote forms}
-  -Calculations to be able to use formulas just like Microsoft Excel to be able to use the necessary algorithms. That way we can use more complicated/sophisticated algorithms to determine pricing. Splitter script needs to continue to work without problem with the new system
-  -Quote form be able to jump between different products if we have the wrong product in the cart - {this also could remove the current item from the cart and add the correct one to the cart}, and to allow extra items to be added directly from a quote form with buttons (add-ons) {This is to allow us to add code using the CMS to allow a user to click a button that we have set up for each product, and they click it and it adds the item to the cart. Need to ensure that the admin area utilises the feature like on the voucher page in the admin area, for selecting the products}
-  Quote form to automatically accommodate for multiple purchases from the same trade, to provide a discount - We need to have a popup that appears before the client's eyes letting them know that they are eligible for a discount if they purchase another
-  Quote form to automatically populate with responses if they are already listed in the property profile
-  Quote form to determine the following questions (Like with Carsales), and to have effect on the following questions (Used for questions like for Island benches where under floor access is required) - dependent groups, and assigning option either an A or B or C
-  -Need to create provision for the images in the dropdown area on PC -for categories and sections













Search & Basket:

-  -Search to use information from a search term field to broaden the search result options (Need to have product tags)
-  Search page to list all results alphabetically
-  Empty basket button






To help the Admin Team:

-  -Twilio call centre and configuration panel/Phone and SMS settings and configuration centre - Call forwarding from numbers
-  More product and voucher text characters than 24
-  Add contractor profile type in form to save admin the work
-  Automate the contractor profile payments according to membership type (Gold/Platinum)
-  -Contractor configuration for different membership types (Gold or Platinum) to change membership price for payments automatically
-  Add options for purchase for contractors (Shirts, Magnets etc)
-  Automate reminders for document expiry by email to installers
-  Separate installer documents into the necessary types, to save admin the work of making sure they have uploaded all the necessary documents
-  Automate reminders for payments each monthly/Automate monthly debit from CC
-  Automatically notify admin if there is an emergency job
-  Automatically notify admin if there is a contact message
-  Transmit all invoices that are created to admin, so that they can be put through the accounting package easily
-  Generate reports automatically for admin to peruse (Including Earnings, Payments, GST out, GST in, and who is the Merchant that made the order
-  Search feature for within the superadmin area which will assist in finding calculations, products etc.
-  Create Pagination navigation facility to make it easier for staff to get between all the pages, without just using arrows or entering in the URL directly.













Installer Profile UI/UX and Dashboard












-  Sort orders for installer - Earliest (Oldest) date for installer to be on first page (So they get focused on first).
-  Pagination of Installer's booking not to affect the calendar - all the installations should be displayed on the one calendar
-  Installer should be able to see the other contractor's time entries (On job calendar) for the same site so that he can try to be there at the same time (If there are multiple trades required)
-  Allow for Variation hourly rate price fixing
-  Job-Profile page for installers needs to have a continue button below calendar to continue to the job profile
-  Add titles for contractor profile area for each field (Because it is not visible when filled)
-  Installer Dashboard should show available jobs from the same customer as grouped together, so that they can accept them all if they are the trades they can do.
-  Uploads page should show alerts for which things are still missing (Feedback, client agreeing to job completion, 4 upload categories)
-  Email - Installer Variation Approved email should provide the Installer with a link to see the variation that was approved (URL edit-contract) rather than (URL Job Profile), because they will want to see WHAT was approved.
-  Provide the installer with a button for continue later on the job completion email, so that the client doesn't receive a notification of completion (He may have discussed this already with the client). This may require a new type of email to be sent.
-  Create multi-level installer users. This would mean that each employee has their own password, and that they can click on email links and login. It would also mean that the main profile would have control over the sub-accounts.
-  Need to provide a DELETE button for staff within the installer profile.

Further Development:










-  Create a new type of Profile (Able to log in) called "Merchant". It is a modified copy of the existing profile type "User". It will provide the following features:
 - The ability to add, edit and remove dependent user profiles of type "Tenant" and "Owner".
 - The ability to add, edit and remove "Properties", and assign Owners and Tenants to them.
 - View the orders being processed by their Tenants and Owners.
 - The ability to approve and decline the orders which are submitted by Tenants before they are processed.
 - Merchant can communicate to dependent users (Contractors, Tenants and Owners) via messages with attachments
 - Choose which Contractors can do their jobs (By selecting "Any" or specific ones by their ID)
 - Ability to view their existing vouchers
 - Ability to create an unpriced work order
-  Create a new type of Profile (Able to log in) called "Tenant". It is a modified copy of the existing profile type "User". It will provide the following features:
 - The ability to generate service requests type 1 (Non-quoted service request).
 - The ability to complete the information regarding a service request type 2 (Quoted service request), and process the request without seeing the price.
 - View the service requests/orders being processed (Unpriced).
 - Communicate to Merchants via messages
-  Create a new type of Profile (Able to log in) called "Owner". It is a modified copy of the existing profile type "User". It will provide the additional following features:
 - The ability to approve or decline service requests.
 - Communicate to Merchants via messages.
 - Can choose to pay for orders as usual or select for the Merchant to pay for the order.
 - Viewing of the orders being processed will remain.
-  Create a new type of Profile (Able to log in) called "Contractor". It is a modified copy of the existing profile type "Installer". It will provide the additional following features:
 - The ability to communicate to Merchants and receive messages, and able to view attachments.
 - The ability to receive messages and attachments via the existing email system.
 - The ability to complete a quotation via their profile for non-quoted service requests and work orders.
-  Provide a feature so that installer variations (custom ones (Parts & Labour)) create a separate order item. This item should then be able to be deleted from the order from the installer's profile, with a small red 'x' in the Top Right Corner (Especially for if a variation is rejected). Any further variations will create a separate variation item.

New User UI/UX - Quoting





-  Load improved fall-back fonts, and improved fonts for IE users
-  Quote form 'done' Button to be up the page a little higher to help those who have used the 'Live Chat' Feature to press 'Done' Button easily (On PC and mobile), because it is partially blocked.
-  Quote form questions to be scrolled automatically and animated to help user be aware of the transition. See examples:
 -  http://tympanus.net/Tutorials/WebsiteScrolling/index_vertical.html
-  Quote form progress to be displayed as a percentage. See examples:
 -  <http://tympanus.net/Tutorials/CSSProgress/>
 -  <http://kimmobrunfeldt.github.io/progressbar.js/>
-  New user response select options to be added
 -  Other radio buttons and checkboxes are to be provided. Examples can be seen here:
 -  <http://codepen.io/elmahdim/pen/JFejy>
 -  <http://tympanus.net/Development/AnimatedCheckboxes/>
 -  Other select options are to be provided. Examples can be seen here:

-  <http://tympanus.net/Development/SelectInspiration/>
-  Need to notify the client when they have finished the quote form that the item is in the basket - using a little popup - examples found at <http://tympanus.net/Development/NotificationStyles/other-thumbslider.html>
-  Need to close the mobile menus automatically when an item is quoted (With animation)
-  Need to improve the mobile phone menu, by automatically scrolling down when the Item category is pressed (with animation)
-  Edit products to be able to sit under multiple categories, so that the products can appear in different areas when browsing the categories (Like for Heat, Light and Exhaust Fan fittings)
-  Prompts to website users if it looks like they have forgotten to add necessary components (Like switches, Circuit protection etc.) - Maybe automatically add these depending on quote responses (Have the response button run a length of php code also, so if the answer is "X", then add the product to the cart. (Making it easier for the user).
-  Check out to auto-fill the address and personal details of the card-holder, making it much easier for the checkout process to take place
-  Need to prevent "Responsive" zooming on mobile phone device. Zooming in should not Re-organise the quote form's contents.
-  User must not be able to scroll up or down beyond the quote form
-  Change response message like 'success' or 'error' to be displayed immediately for user. This could mean replicating/displaying the error at the top of the page or providing an anchor on the page so that it scrolls back to where the notification was on reload. The alternative is to create a popup notification, as shown below.
 -  <http://tympanus.net/Development/NotificationStyles/growl-slide.html>

User Profile UI/UX and User Dashboard

-  All the contractor's time entries for a certain site should be shown on all the user's site calendars (If there are multiple trades required)
-  The user's site calendars for a specific site (eg 13 Main St, Telarah) should be mirrored to each other, regardless of if they are different orders. The reason for this is that they may edit one site calendar but the other isn't updated, and certainly they don't want to do it again. Particularly important when we are splitting orders into small fragments!
-  Suggest creating a drop-down selector at the checkout for the client to select a site they have previously had worked on, saving them entering the same info twice.
-  Client when pressing job complete on the email should be redirected to give feedback page, so that it becomes natural to give feedback (The PHP (Checks the URL ("?.....")) script would need to be moved from the current landing page to the new landing page).
-  Enable website to save the URL of the redirect to the login page for any user if they click an email link so that they don't have to already be logged in for the link to work. The URL (Redirected to the login page) would need to maintain the end of the URL ("?.....") so that when they login, they land on the dashboard page and the acknowledgement of the job being finished (Or not finished) will be stored and operate as intended. Otherwise the user needs to log in twice in a row for the link to work, because there are no buttons within the landing webpage, especially if they aren't already logged in.
-  User cancel order button in dashboard for saved orders which have not been paid at all
-  User session to tie to cart items, so sign in means the old cart contents are re-added.
-  Sort orders for user - Earliest (Oldest) date orders for user to be on last page (So they don't have to wade through the old orders which don't disappear).
-  Clicking links within dashboard like "accept" new booking voids pagination, and scrolls back to page 1.

Security:

-  Security – Create an alert for all direct attempts to open PHP scripts if of an attack nature
-  Need to disable root user access on Indu1 & Indu2, That would require adding a superuser group and users (Sudo commands required)
-  Need to ensure that php.ini (Or doctype.php) file excludes people uploading .exe or .bat files, also need to edit the settings there, including email addresses, php error displays etc.
-  Disable the rendered emails and invoices on the Production servers