Timemaster Project Web Enquiry
Product Overview

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Document Status

Version	Issue Date	Comments
1.0	21/11/06	

INTRODUCTION

The Timemaster Web Enquiry module is an additional module for Timemaster which provides the ability to publish user-defined web pages and reports containing project related information from the Timemaster database.

The Web Enquiry comprises of three sub-modules, each of which may be progressively purchased.

- The Web Enquiry module allows you to publish selected project information to external parties such as Councillors, Partners or remote offices relating to projects they may be interested in.

- The Web Updater module allows project leaders to easily update selected project data on projects they have access to. For example, within the project maintenance window, you may want project leaders to be able to update client contact details and finance codes but not change the status or other settings of a project. Within the windows based Timemaster application this is not possible – you must grant access to the full project maintenance window or not at all. Within the Web Updater module you can cherry-pick selected data items and publish them on a page where they may be viewed and updated.

  In addition to standard Timemaster data, users may add their own user-fields onto the project, staff, contract, and contractor tables. The user fields are enhanced in version 2.2 to include lookup lists and validation and are now fully reportable.

- The Web Reports module allows you to select reports that may be viewed, printed and exported over the internet/intranet. No changes to the standard Crystal Reports is required – they must simply be placed in a folder which is accessible from the web server.

The web pages may include the following information:

- Any project related information from the Timemaster database, either single data entities or multi-line database queries
- Pictures and photographs relating to the project
- Links to mapping engines such as Multi-map and Google (amongst others)
- Photographs of key project personnel and links to email addresses
- Links to download PDF, PP, Microsoft Project plans and other types of documents relating to the project such as a Project Briefs or Reports
- A feedback form so web user’s can enter comments or pose questions relating to the project
- Pages may link to other pages and drill down to reveal further detail.

The system provides the following functions:

- Web pages may be designed from within the main Timemaster application without using any other tools.
- Pages may be restricted to only selected groups of users
- The project set may be restricted only to selected users. For example, show only projects relating to a particular client, ward, or property.
- Standard Timemaster reports will run over the web
- You can add your own fields to the Timemaster database and publish them on a multi-user basis over the web.

HOW IT WORKS

The Web Enquiry works by embedding workflow tags into the pages. In the same way that workflow documents are populated when processed within Timemaster, the web pages are populated with project information when they are displayed. Each tag has the SQL statements associated with it to both display and update (where allowed) data within Timemaster. In addition, special tags are available to create new records or calculate derived fields within Timemaster, for example a special tag to create a new task is available. These special tags are hidden when viewed within the web pages.

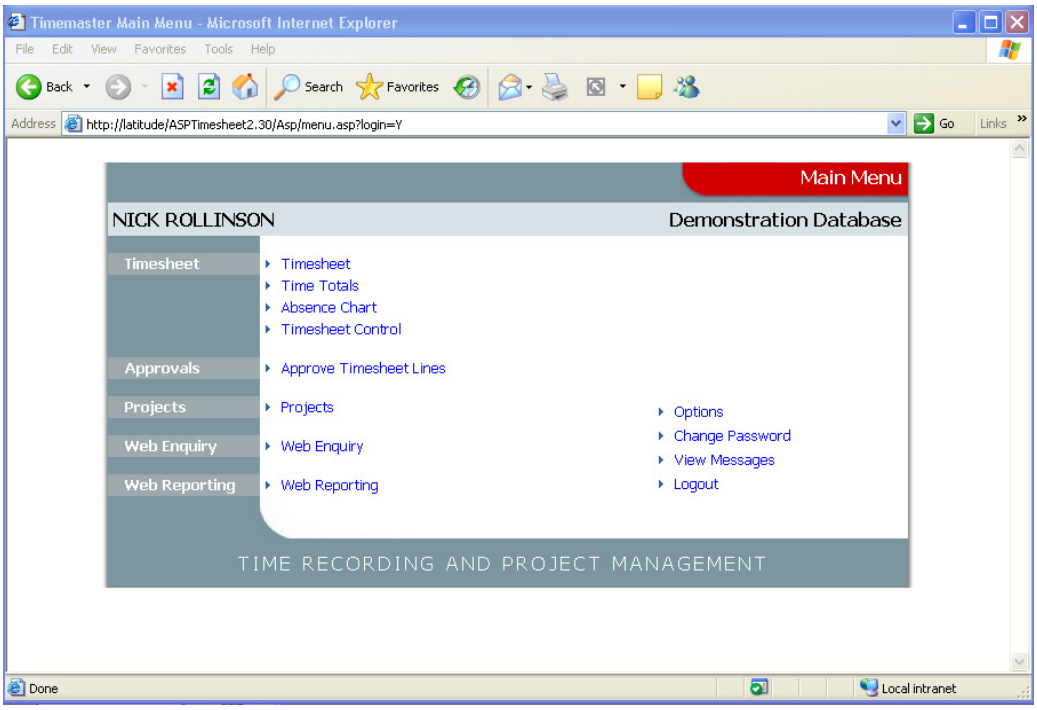
Given that you may now create your own user fields for projects, tasks, staff and contract related data, this means you can effectively customise the Timemaster database to include your own fields and have them available to any person inside or outside your organisation to view or update without writing a single line of code.

EXAMPLE PAGES

The following screen-shots are examples of typical web page contents. They have been put together to illustrate the type of information that may be published within the web pages. Alongside each web page is the designer's page which was used to create each web page.

MAIN MENU

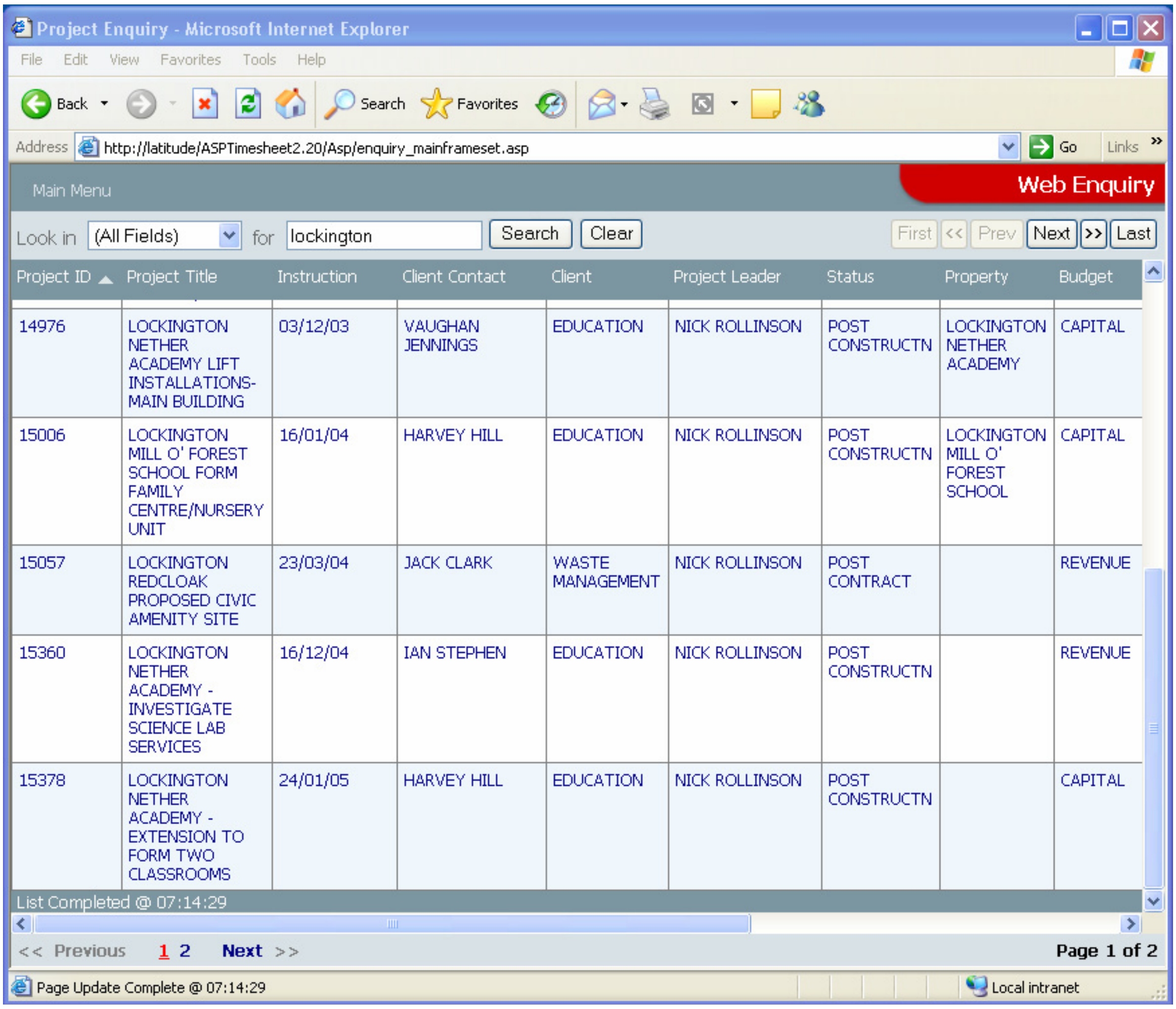
The Web Enquiry is a new menu option



Access to the web enquiry is granted by allocating the web enquiry access permission to appropriate login groups. As soon as the access permission is granted, the web enquiry option will appear as an additional option within the Timemaster Web Timesheets system. If the Web Timesheet system is not in use, then the Web Enquiry will be the only option available to the login.

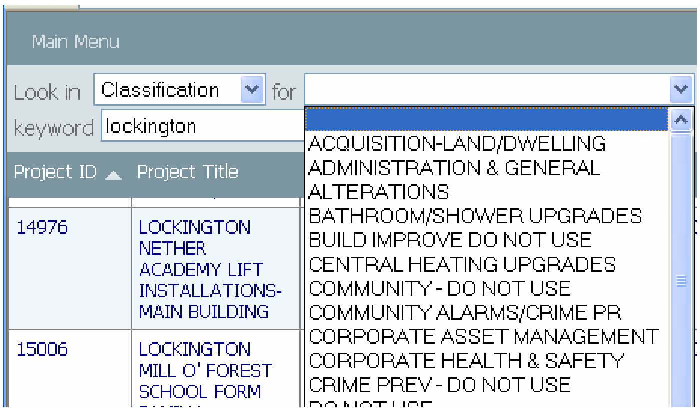
On selecting the Web Enquiry, a list of projects the user is granted access to is shown.

PROJECT LISTING



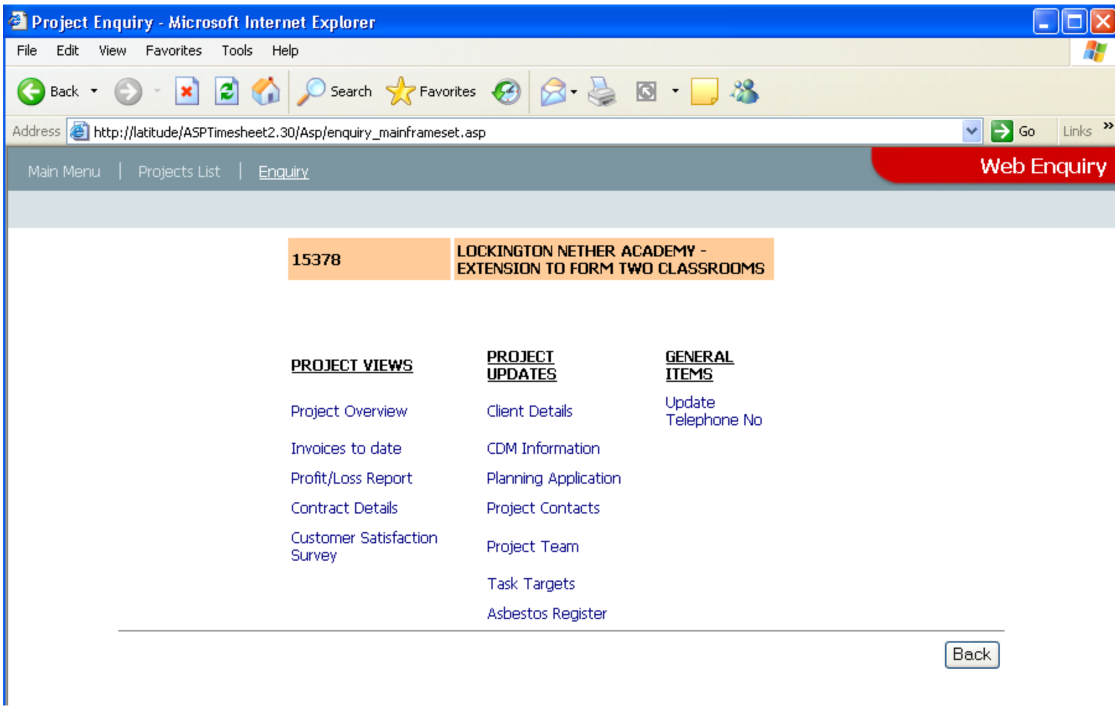
The project listing can contain a number of columns. The available columns are selected from a list, similar to the folders in the main Timemaster application. You are also able to add your own custom columns.

A search facility allows users to filter the projects in the list either using drop down searches or keyword search. In the above example a keyword search of “Lockington” has been entered.



A drop down search on the project classification.

Clicking on a project brings up the menu allocated to that login group. You may create different menus for different login groups. In fact the menu page is just a page you have selected as the main menu page for that login group.



All the pages that follow are example pages which you may typically design. You are free to include or restrict whatever information you feel appropriate to the different groups of users who will be logging in.

In order to create simple pages you will need to pick only from pre-defined fields (workflow tags) and place them on a page designer. For more complex, multi-line data such as a profit and loss report you would need knowledge of SQL (Structured Query Language). To support users who do not have this knowledge, we have built in a facility to export and import pages so you can email our support team with a problem page, they can correct it an email it back.

PROJECT BASIC DETAILS

Web Page

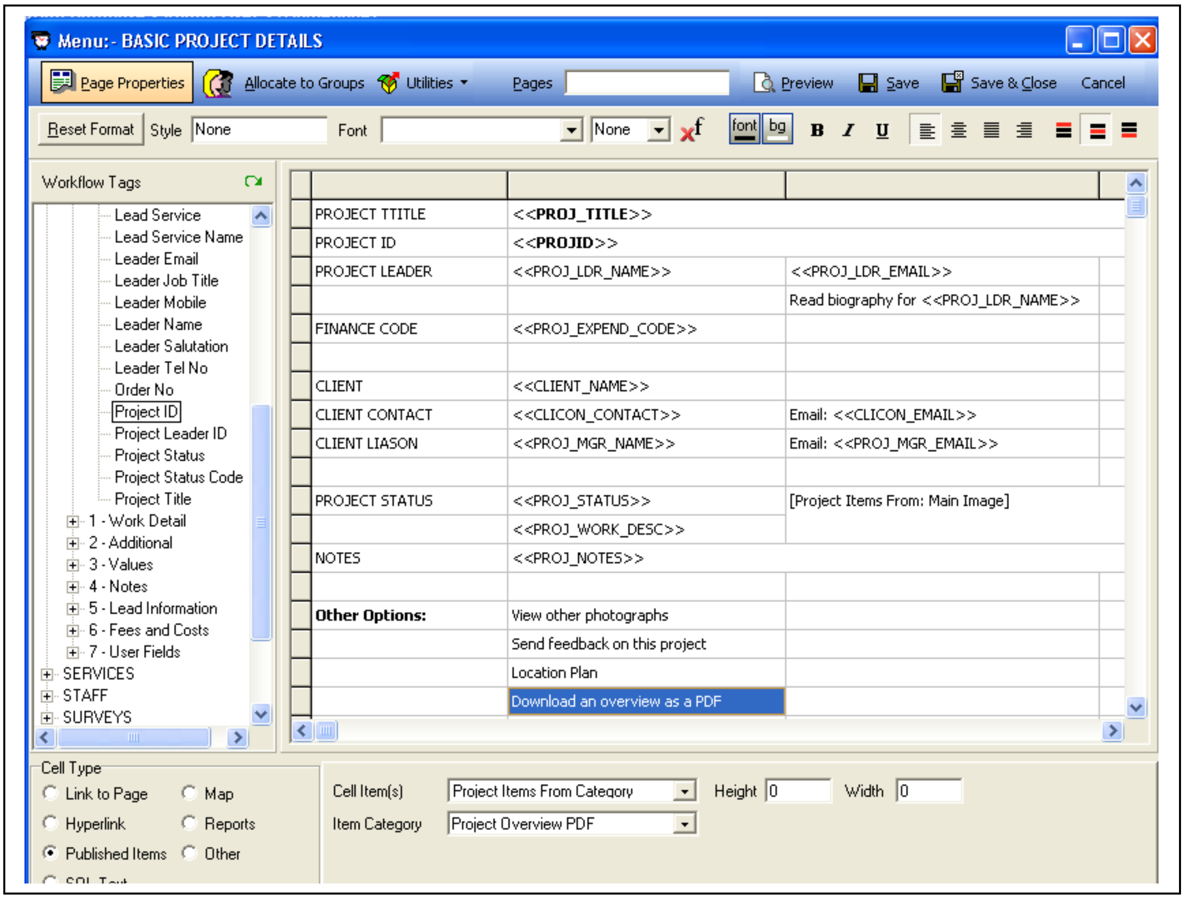
In addition to containing basic project information such as project title and client details, this page includes the following features:

- *Link to email the project leader and client liaison officer*
- *Link to read a biography on the project leader in a separate page*
- *Photograph of the project*
  Double-clicking enlarges the photograph in a separate window
- *Link to view other photographs*
- *Link to enter some feedback to the project leader. The difference between this option and e-mailing the project leader is the feedback comments are recorded against the project in the Timemaster database.*
- *Link to locate the project on a map*
- *Link to download a PDF file containing a brochure on the project*

These additional pages open in separate windows.

Design Page

The screen used to design the Basic Project Details page is shown below.



- The left hand panel contains available database tags for insertion into the web page. The database tags are surrounded by << >>. For example, <<PROJ_TITLE>>, <<PROJID>>. (These are the same tags as used in the Workflow module)

- The bottom panel defines any action to be taken for the selected cell. Depending on the action the second panel will contain parameters associated with each action. For example the following actions have been defined for the following cells.

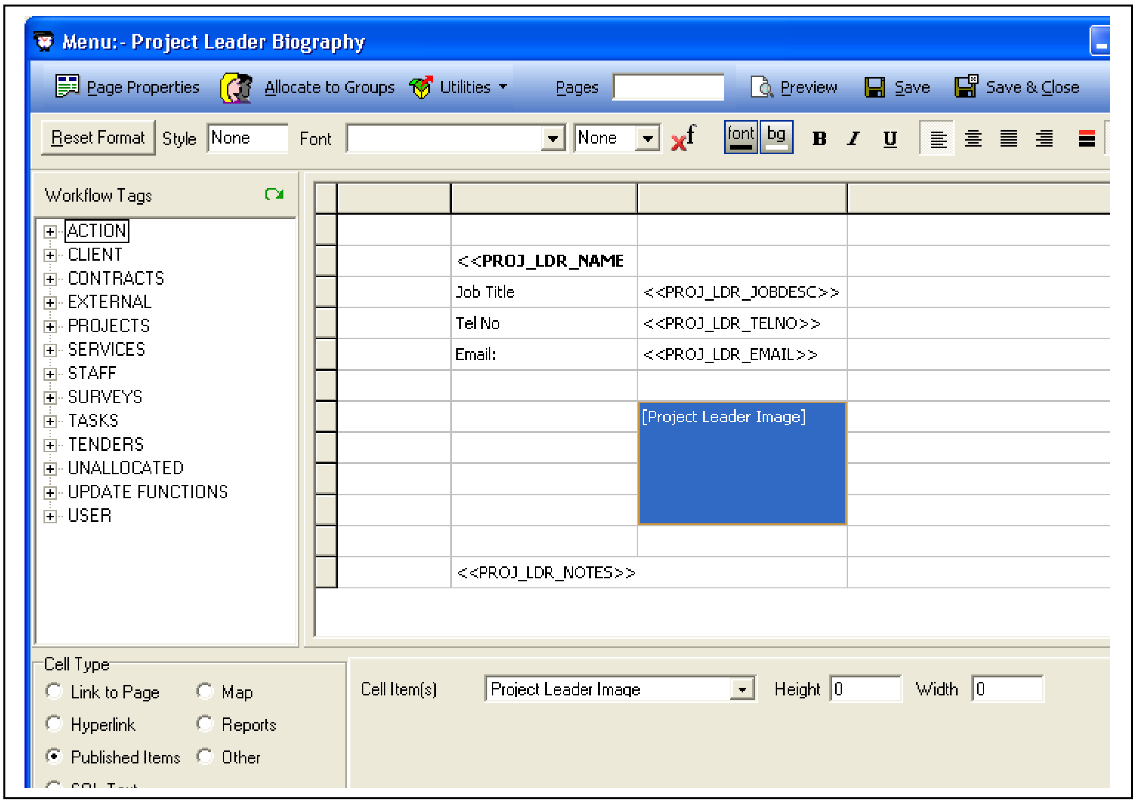
Email <<PROJ_LDR_EMAIL>>	*Email Link*
Read biography for <<PROJ_LDR_NAME>>	*Link to Menu containing the biography page.*
Project Items from Main Image	*Published Item – Main Image*
View other photographs	*Link to Menu*
Send feedback on this project	*Feedback Form*
Location Plan	*Map link to Multimap*
Download Overview	*Published Item – Overview PDF*

Each published item is allocated an item category in order to pick up the correct item when scrolling between projects.

PROJECT LEADER BIOGRAPHY

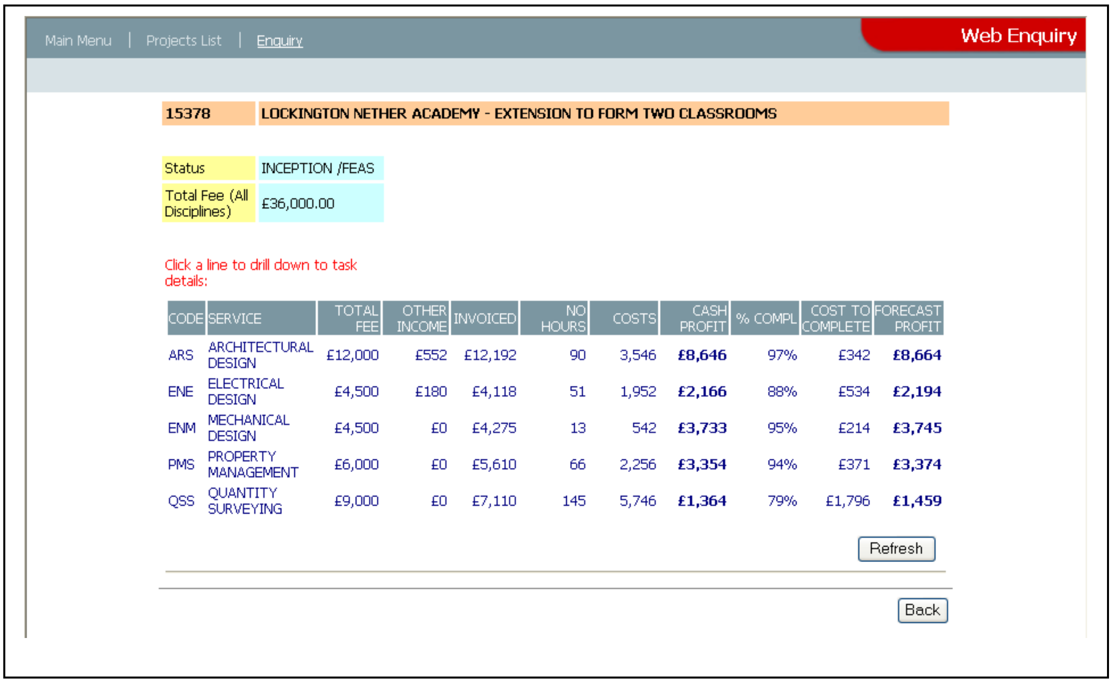
Web Page

Design Page

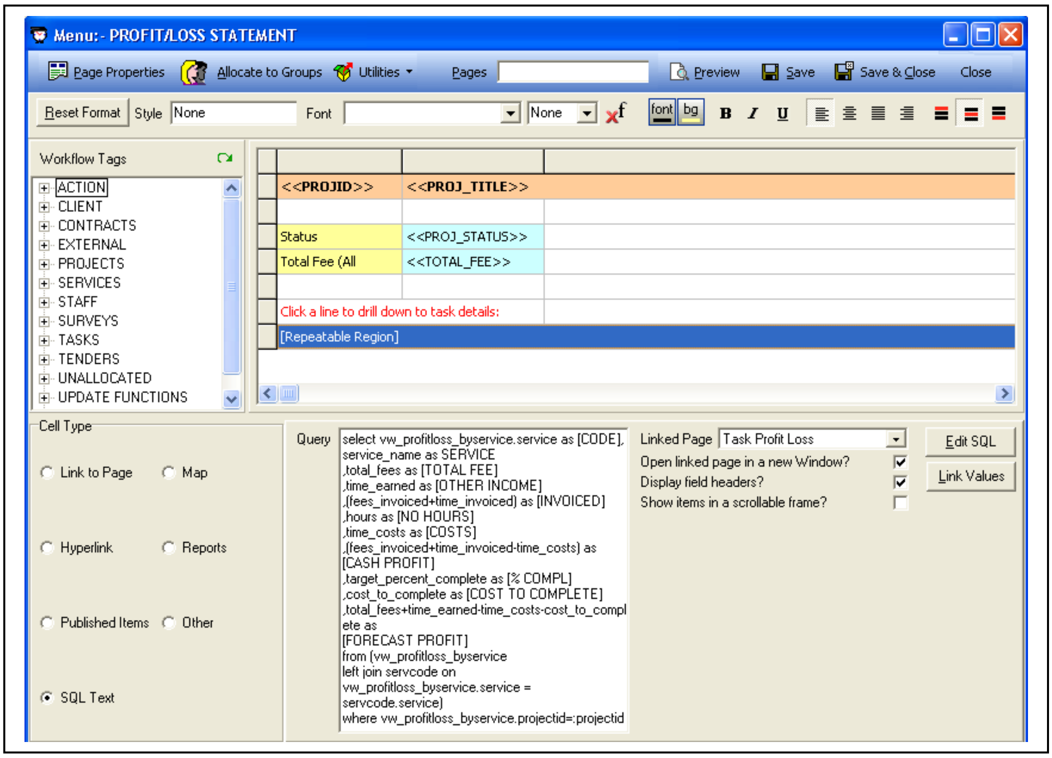


PROFIT LOSS PAGE

Web Page



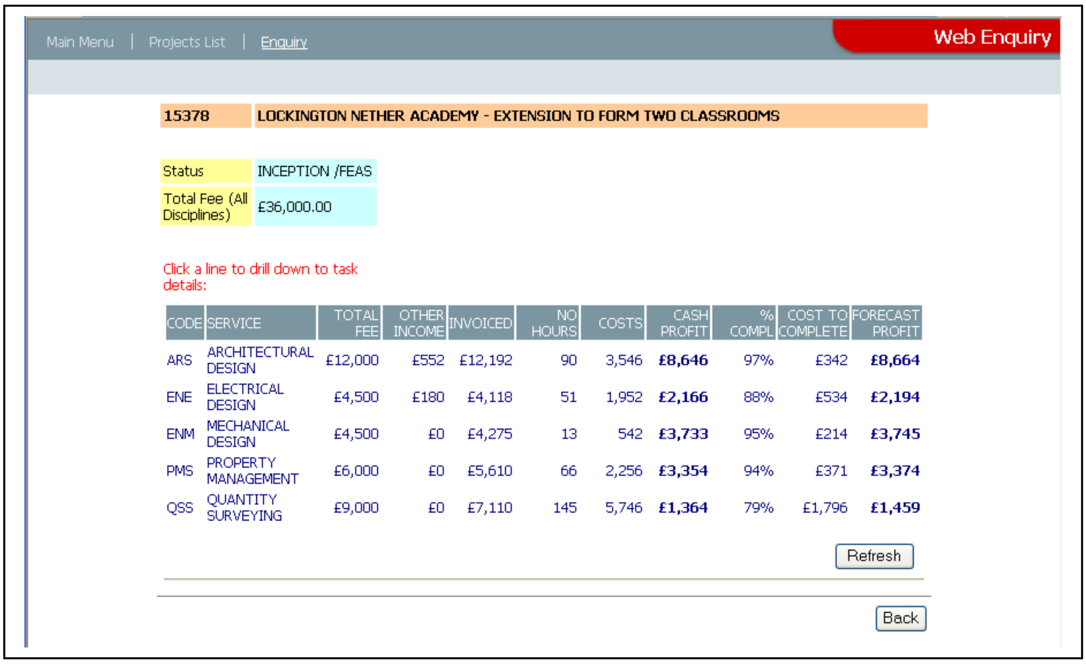
Design Page



The Profit and loss page illustrates two advanced features of the Web Enquiry.

- The ability to embed tags containing SQL queries to show multi-line reports. You can select from a number of inbuilt SQL tags or build your own an SQL editor. In practice, most of the queries will be available for you to pick from.
- The ability to click on a line within the profit and loss query and drill down to view details underneath. The Link Values button provides the data link to underlying pages.

Clicking on a line within the Profit and Loss query drills down to show the task detail.



Main Menu | Projects List | Enquiry

Web Enquiry

15378	LOCKINGTON NETHER ACADEMY - EXTENSION TO FORM TWO CLASSROOMS
Status	INCEPTION /FEAS
Total Fee (All Disciplines)	£36,000.00

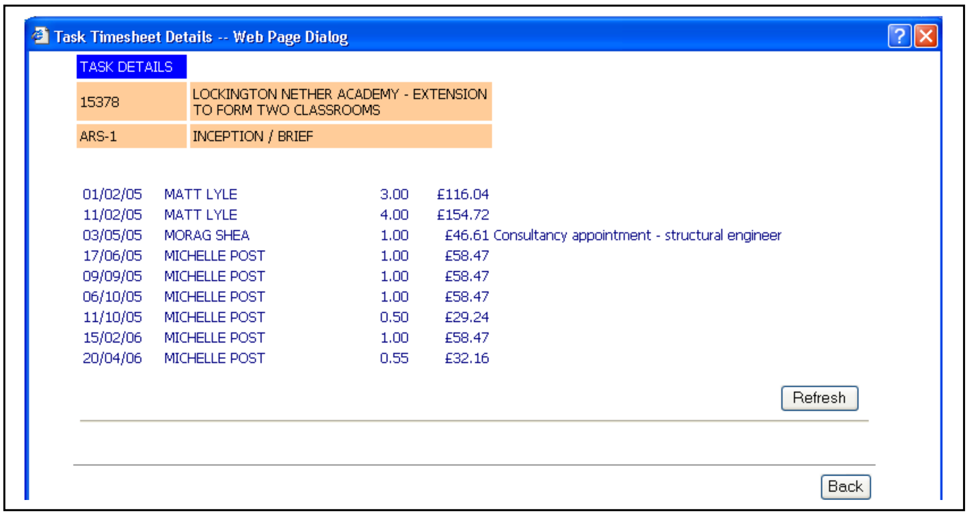
Click a line to drill down to task details:

CODE	SERVICE	TOTAL FEE	OTHER INCOME	INVOICED	NO HOURS	COSTS	CASH PROFIT	% COMPL	COST TO COMPLETE	FORECAST PROFIT
ARS	ARCHITECTURAL DESIGN	£12,000	£552	£12,192	90	3,546	**£8,646**	97%	£342	**£8,664**
ENE	ELECTRICAL DESIGN	£4,500	£180	£4,118	51	1,952	**£2,166**	88%	£534	**£2,194**
ENM	MECHANICAL DESIGN	£4,500	£0	£4,275	13	542	**£3,733**	95%	£214	**£3,745**
PMS	PROPERTY MANAGEMENT	£6,000	£0	£5,610	66	2,256	**£3,354**	94%	£371	**£3,374**
QSS	QUANTITY SURVEYING	£9,000	£0	£7,110	145	5,746	**£1,364**	79%	£1,796	**£1,459**

Refresh

Back

And again down to the timesheet details.



Task Timesheet Details -- Web Page Dialog

TASK DETAILS

15378	LOCKINGTON NETHER ACADEMY - EXTENSION TO FORM TWO CLASSROOMS
ARS-1	INCEPTION / BRIEF

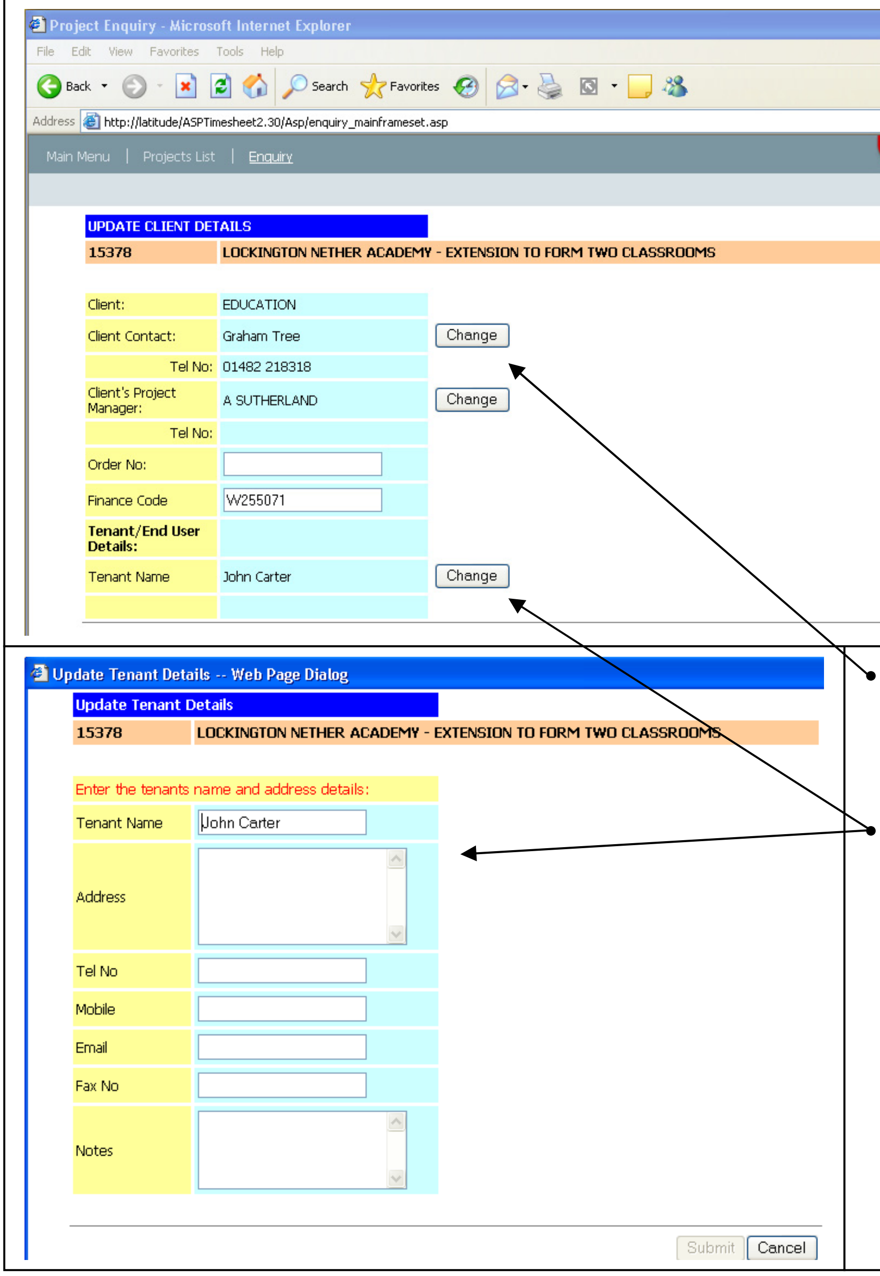
01/02/05	MATT LYLE	3.00	£116.04	
11/02/05	MATT LYLE	4.00	£154.72	
03/05/05	MORAG SHEA	1.00	£46.61	Consultancy appointment - structural engineer
17/06/05	MICHELLE POST	1.00	£58.47	
09/09/05	MICHELLE POST	1.00	£58.47	
06/10/05	MICHELLE POST	1.00	£58.47	
11/10/05	MICHELLE POST	0.50	£29.24	
15/02/06	MICHELLE POST	1.00	£58.47	
20/04/06	MICHELLE POST	0.55	£32.16	

Refresh

Back

UPDATE CLIENT DETAILS

Web Pages



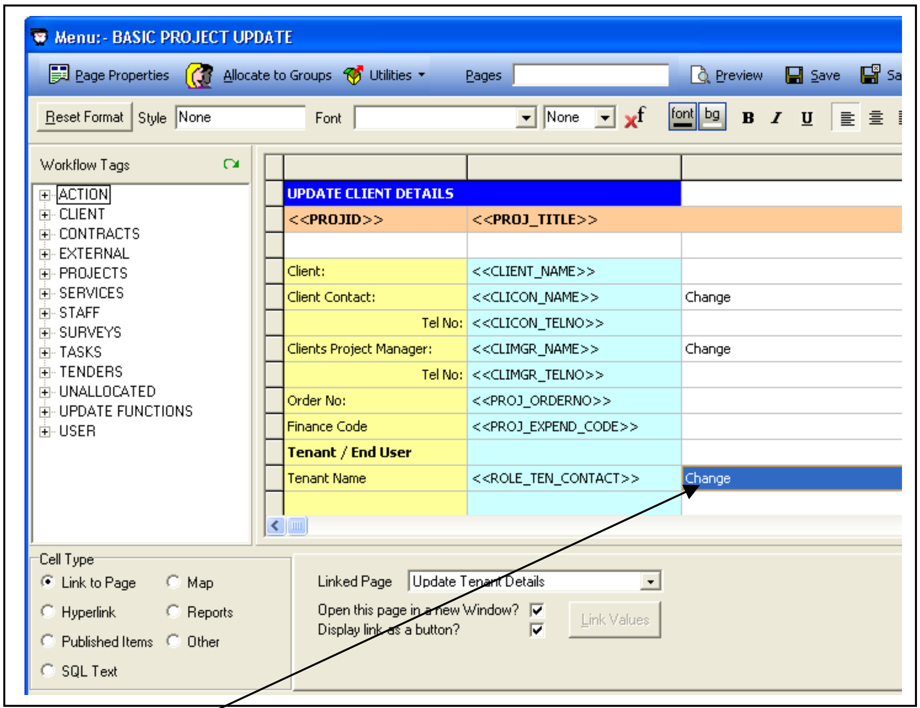
Clicking any of the Change buttons loads another web page.

The Change button next to the Tenant name loads a Tenant/End User amendment page

Links to other pages may be presented as either hyper-links or buttons. As the designer of the page you should be consistent in their use – hyperlinks generally are used to open another page in the same window, buttons generally open an overlaid dialog page.

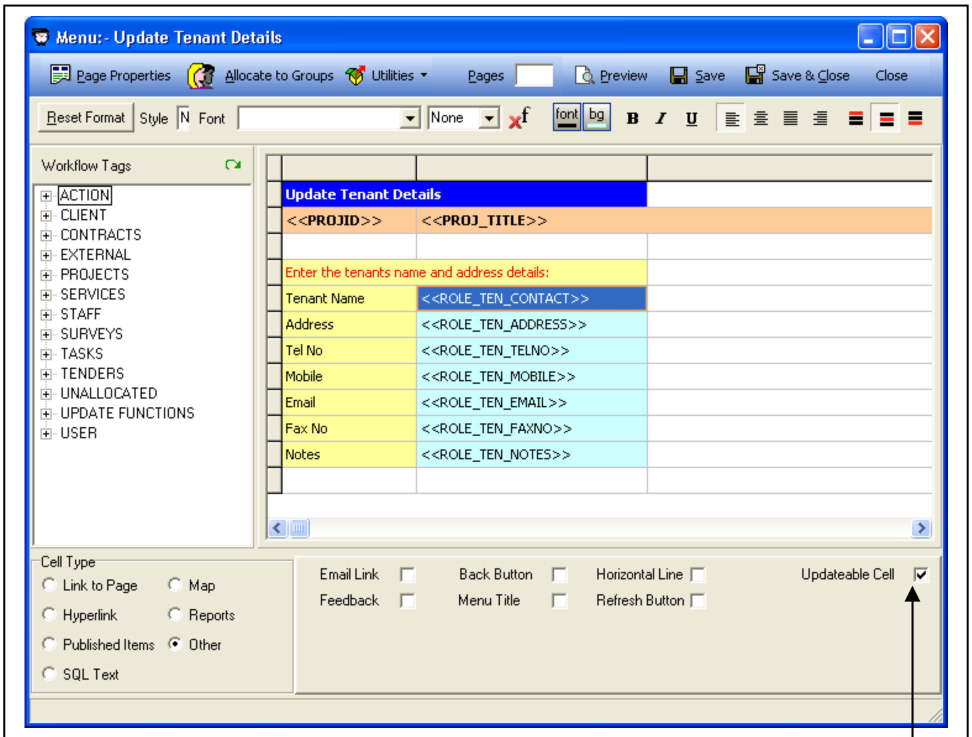
These pages are just examples, the client contact amendments have been designed to open in another page because changing the client contact will need to refresh the telephone details which are looked-up from the client contact table. In this example, the tenant/end user has been stored in the contacts database for the project.

Design Page



The above page is the design page for the UPDATE CLIENT DETAILS web page.

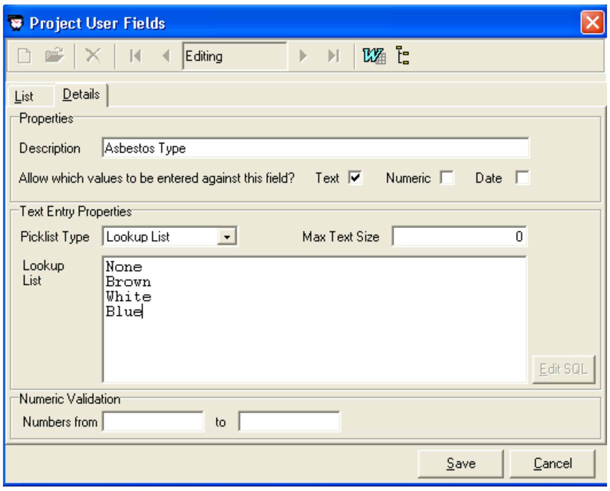
- The Change button next to the Tenant name loads the UPDATE TENANT DETAILS page. The new page is to open in a new window and display as a button.



For any fields which are updateable, the Updateable property must be set.

USER FIELDS

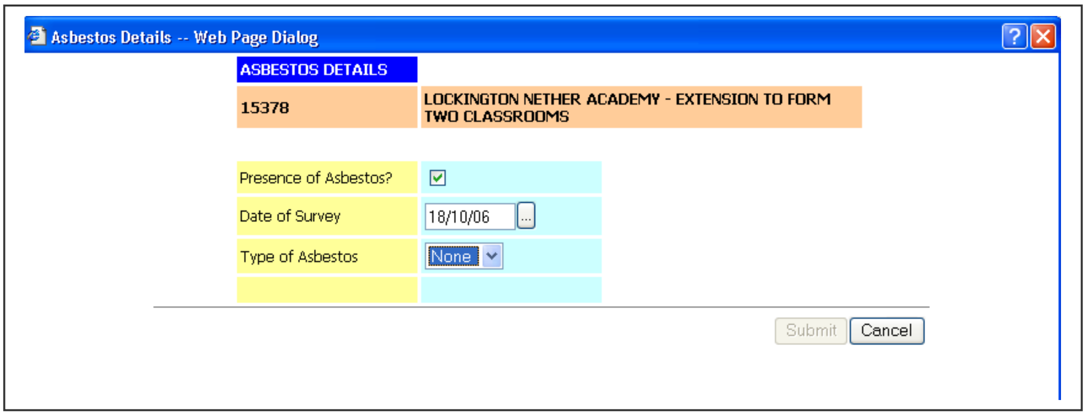
One of the enhancements in version 2.2 is the ability to define extra attributes on user fields. This extra flexibility means you can add your own fields and publish them over the web. To illustrate this, see the Asbestos Details page below.



Three user-fields have been added to record asbestos details:

- Asbestos Survey Required?
  - Yes/No field
- Asbestos Survey Date?
  - Date field
- Asbestos Type
  - Pick-list of possible responses: None, Brown, White, Blue

Web Page



Design Page