Charting Prototype

The purpose of this document is to specify a prototype to test research on the charting concept being undertaken by the Caledonian Academy.

The following document will focus on using the browser google chrome as a primary browser.

Contents

Data entry

The aim is for a person to note the information by the following

To enter data into the system will have 2 methods. A note and a context menu selection formation

1. The Note
2. Select & Save

The Note

Aim : to provide the ability to tag information either from an idea someone has or a selected piece of text within a web page.

An idea

The functionality will be as follows : (see diagrams 1&2 for example)

- press the note button
- note Pop up occurs

- user adds text as appropriate
- note is saved to goals once button is pressed

Selected text

The functionality will be as follows: (see diagrams 1&2 for example)

- Select information to be tagged
- press the note button
- note Pop up occurs
- URL or title is brought up immediately
- text box deploys selected text. the first 140 character are highlighted
- all text can be adapted by user
- note is saved to goals once button is pressed

A note has 2 functions,
1. first to add an idea from the user to the charting model
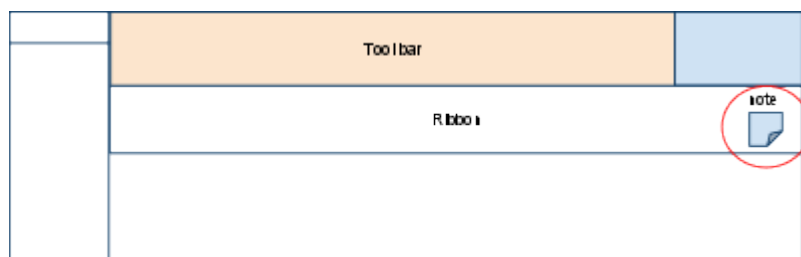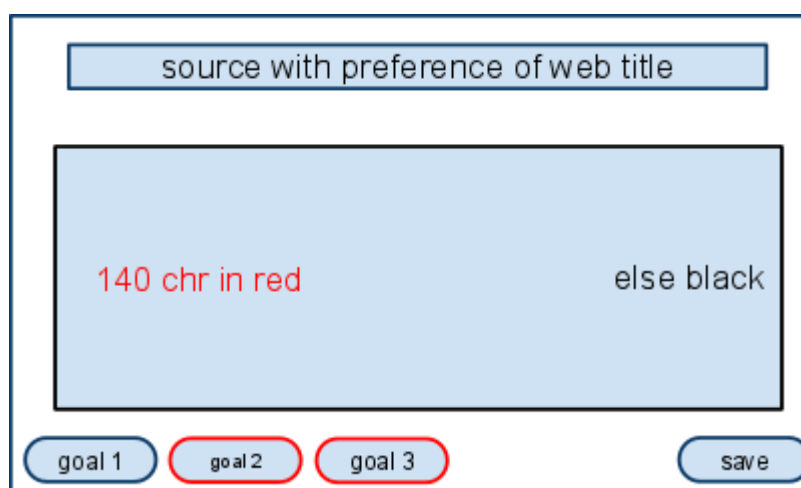2. second to add information to a note from a document/website

diagram 1.

diagram 2.

Right click

Aim: The quickest method to tag information to goals already organised. this will be accomplished by utilizing the context menu in the application.

The functionality will be as follows : (see diagram 3 for example)

- Select information to be tagged
- Activation of context menu - Right click
- No more than 5 tag options available in context menu
    ◦ Extension to context box used for privacy settings
    ◦ Extension to context box used for additional options if this option chosen tag options should reduce to 4
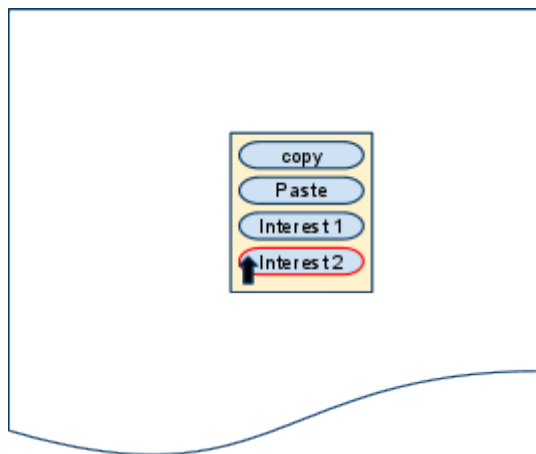- Information is sent directly to selected goal

diagram 3.

Non-functional requirements

To be deployed in chrome

Data management

Data management , should be able to be accessed both by the data entry and the visualisation components for the system by selecting the options button.

Ribbon in the button

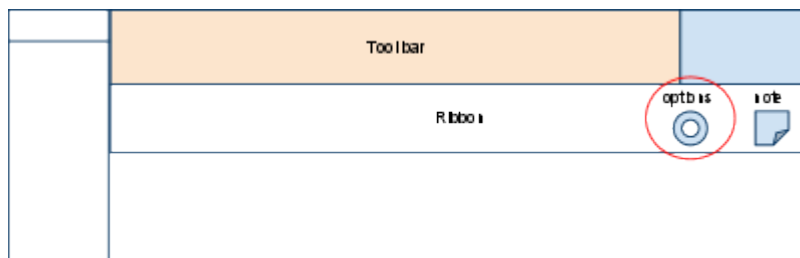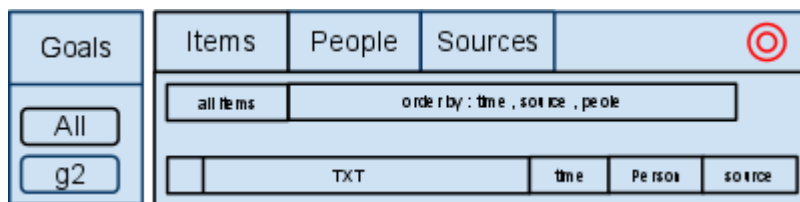diagram 4

diagram 5

Data management pop up

The Aim : To provide the creation and management of goals

The functionality should provide

1. create new goal
    1. title & abstract
    2. set up sources; like **tesco**
2. to set a goals permissions
    1. public
    2. private
    3. group
3. to manage its members
    1. Owner is the originator of the goal
    2. owner can set administrator rights for group members
4. organise order of goals , top four go into context menu
5. add people ,

1. existing people listed
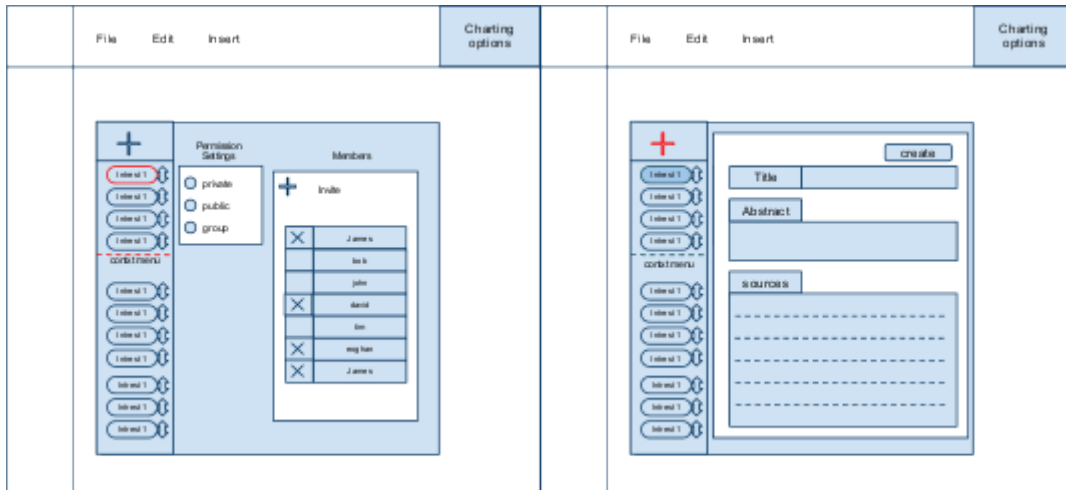2. Invite people

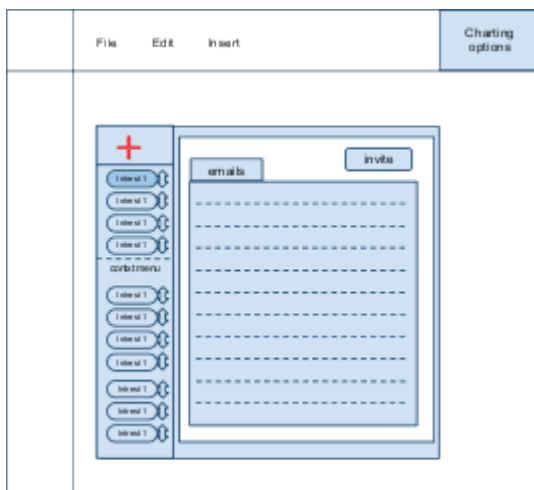diagram 6 : data management

diagram 7 : Add group

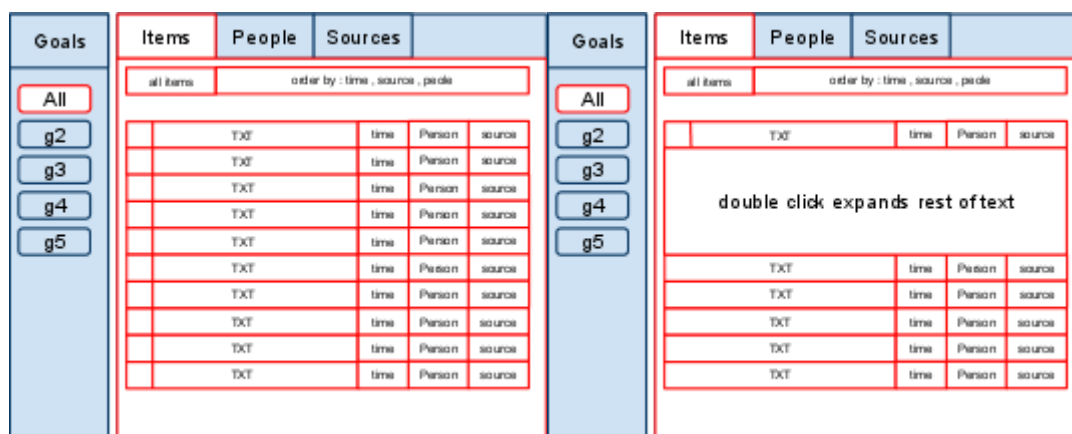diagram 8 : Invite

Non-functional requirements

to be deployed in chrome and web app (visualisation)

Visualisation

The Aim : The aim of this web app is to organise all information gathered by the charting data entry methods. this information can be organised by time person and source, but the content is provided by the content selected and added.

1. Left hand side should list all goals with the first button showing all goals and be the default by pressing a specific goal the items people and sources should refresh to only those related to the goal. Multiple goals should be selectable by shift-click.
2. Items of content should show the type of document on the left hand side followed by the title of the text (140 chrs or less), time followed by person and sources.
    1. upon a double click the text should expand to show all text.
3. People list should show a list of people and their contact details
    1. upon a double click it should expand to show their top 4 goals
4. Sources list should show a list of sources and locations (may visualise this on two lines - cf email preview). what do you mean by locations ? -James Hanlon 10/06/2010 13:37 ... it was in your diagram! I think this would be URL, file-location etc. - though in hindsight i'm not sure what was just checking as location -James Hanlon 10/06/2010 14:11 benefit it brings. The idea of sources should complement items.

source location and title were defined different from note with the difference of the title being automatically captured, -James Hanlon 10/06/2010 14:12

drawing 9 : app overview   drawing 10 : extended text

drawing 11 : people view   drawing 12 : sources view

Non functional requirements

A ruby web application.

Version 0.5 and beyond (move subsequent planning to Redmine)

- Notes not attached to a goal
- Twitter Integration
- Delicious Integration
- Code Publication
- Twitter Propagation
- Chrome Bookmarklet
- Pagination
- Search
- Linkage between notes sources and people
- Highlight Active tab

- Icon for plugin