



28 a i) CRT - Cathode ray tube, a display unit where electrons are fired onto a phosphor screen to create an image.

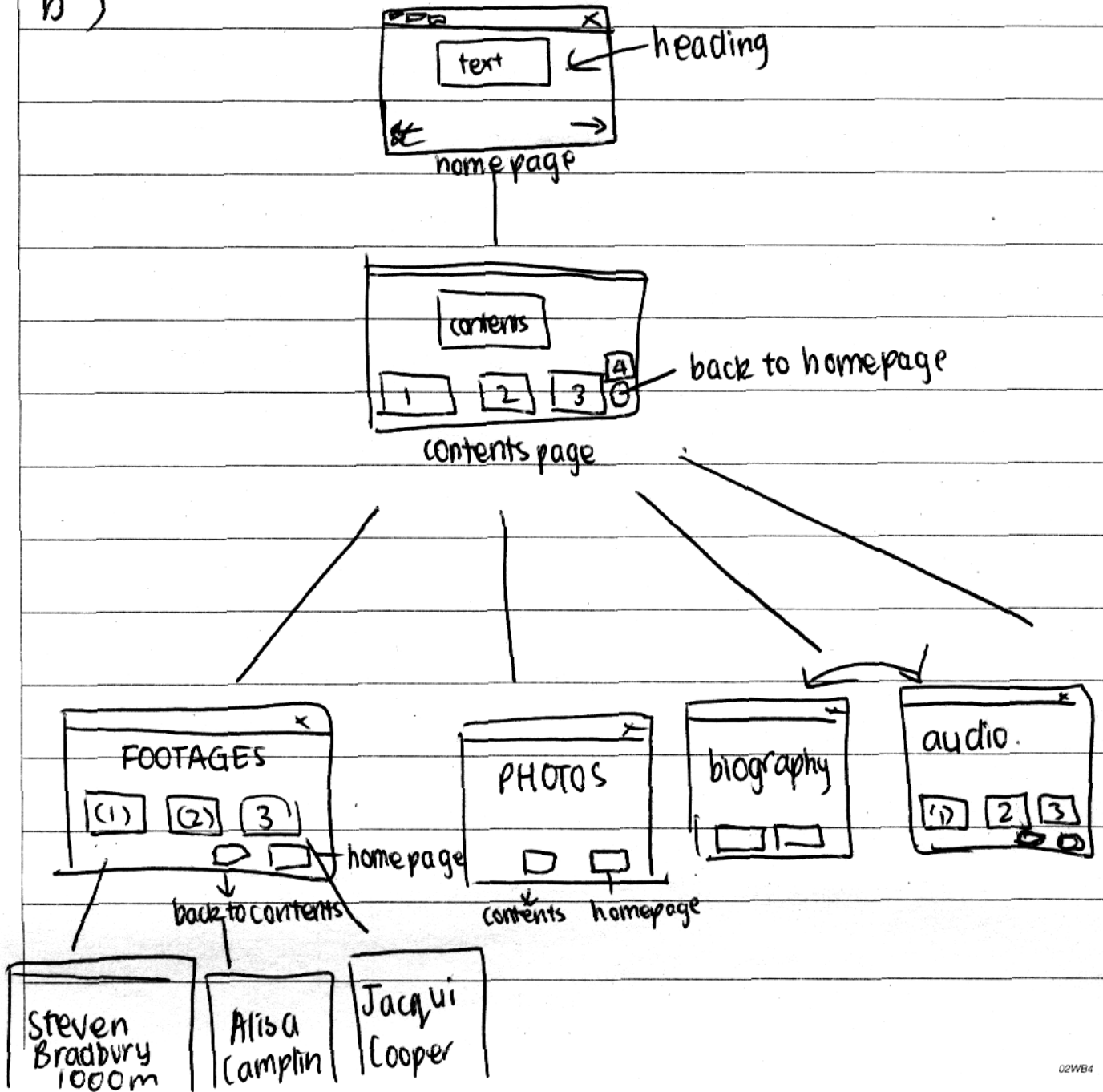
LCD - Liquid crystal Display - the use of polarized liquid crystals being placed under electrical stress to polarize light to give an image.

The difference between the 2 is that CRT is larger, heavier, & uses an electron gun that oscillates to create an image whereas LCD are flat & places electrical stress on liquid crystals to polarize light to show an image.

n) Path based animation uses the same background but characters in the animation may move back & forth.

Cell based animation on the other hand changes frame for the whole animated series.

b) ~~hierarchical~~ network story board.





ii)

horizontal  $\times$  vertical  $\times$  bit depth

The size of the image represents the horizontal and vertical, and the bit depth is based on '2' ~~the~~ density therefore  $2^2 = 16$ , and the bit depth = 4.

$$= 600 \times 400 \times 16 \times 4$$
$$= 960000 \text{ KB} ?? \leftarrow \text{file size}$$

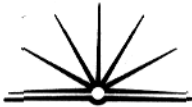
c. Collecting - collects information via <sup>post</sup> ~~phone~~, fax or the internet ~~via~~ email. Data is also collected on the classifieds frequencies of customers. The company also collects data from the internet with the amount of hits it receives.

as well as information collected from customer replies

Organising - any ads must be sent to the crew of the newspaper to be processed so that it may be displayed into categories. Data must also be organised on the web page & organised by date so that it can be automatically removed after a certain number of days.

Dis

Displaying - The information is displayed in a classified format ~~for~~ on the internet or the newspaper itself. Displayed info. contains the ad, contact numbers for more info and the paper company to process any inquiries



that the customer might have. The paper managers now must send info to customer to what has been displayed on the ad. \*