

# IPM Unit 3 Outcome 3

## An Information Solution

SCHOOL ASSESSED COURSEWORK  
PASCOE VALE GIRLS COLLEGE

2006

### Instructions

In this SAC you will be expected to model the steps involved in the creation of an information solution that meets the goals of an organisation. The organisation you are preparing the solution for is a "Bed and Breakfast" in the country. Some of your work will be written and saved on the computer, other pieces will be hand produced.

You are responsible for the management of your files. You must save your work early and often. You should back up your work to CD, floppy or a USB stick. If work is lost through failure to back up this will count as poor file management and penalise your final mark. Network issues will not be considered unless there is considerable "down-time".

**Time allowed** I have allocated 5 periods to the completion of this SAC.

**Remember** It is your responsibility to save your files whenever you make any change to them.

### Preparing your folders

- Create a folder on your H-drive called "ipmu3o2".
- In this folder create sub-folders called "docs" and "site".

Any word processor documents you produce for this SAC will be stored in the "docs" folder. Your site files will belong in "site" (in any sub folders you create). Any hand written materials will be left in the document protector.

## Scenario

You have been commissioned to create a web-site for a country *Bed and Breakfast* that caters for couples trying to get away from it all. The company is a family owned business that promises old-fashioned service at reasonable prices. They cater for single people and couples.

The business is located near Ararat in the heart of olive and wine producing country. The owners have organised deals with local wineries, a horse-riding establishment and local restaurants to create a package for tourists.

The package consists of:

- Friday dinner and Saturday breakfast at the BnB
- A package picnic lunch and optional excursion that includes an afternoon's horse riding.
- A three course meal with a free glass of champagne at a local restaurant.
- A Sunday country breakfast at the BnB
- Lunch and tastings at a local winery or olive farm.

The cost is \$350 per person and the farmhouse has a spa, sauna and pool for relaxing.

The BnB also caters for weekday and passing tourists at a cost of \$75 per person. This includes access to the pool, spa and sauna as well as a full breakfast.

### 1 Defining the problem [10 marks]

1. Prepare a list of questions you could ask the BnB owners to establish their needs and your help define your design goals.
2. State at least two goals for your solution.
3. What information will your solution need to output to the BnB owners?
4. What additional input might you need to create the site and how might you obtain that information?

### 2 Designing the solution [10 marks]

1. In a table list and rank 5 criteria you believe should apply to an organisation's web-site and give our reasons.

2. Do the next two steps in a hand written document —
  - (a) Make a list of the pages you would create for this site
  - (b) Summarise each page
  - (c) Sketch how the pages will appear
  - (d) Describe how you will enforce a consistent, site-wide appearance for your pages
  - (e) Sketch a site map for your site

### **3 Developing the solution [10 marks]**

1. What software will you use to create your site. Give your reasons.
2. Prepare three of the pages for your web site. One page must include a form that lets a viewer email the business. Your site must use a linked style sheet. Marks will be deducted for inline CSS or HTML styles.

### **4 Testing the solution [5 marks]**

- Ask your neighbour to test your site and sign that the links work and images display properly. Fix any broken links and images.
- Prepare a table of what you needed to fix and how you repaired them.

### **5 Documenting the solution [5 marks]**

1. Briefly discuss how your site's organisation will make it simple to upgrade and maintain
2. What feature have you provided that will let your customer change their corporate style without editing each page?

### **6 Evaluating the solution [10 marks]**

1. Explain how your web site fits the criteria you discussed earlier.
2. Explain how your web-site will help your customer meet their goals.