COIT20250
E-Business Systems

Term 1, 2018

ASSESSMENT ITEMS 1-2-3

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EXPLANATIONS

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Unit Coordinator

Assessment Item-1: E-Portfolio (Total 30 marks, 6 portfolios, 5 marks each)

Due Date Friday, 4th May 2018, 11:45PM AEST

Weighting: 30%

Length: Each e-portfolio should be around 500 words.

Submission: Online via Mahara and Moodle using Secret URL

Assessment Objectives:

This assessment items relates to course learning outcomes**:**

1. Articulate the recent developments in e-business industry and its likely future directions.
2. Compare and explain various types of e-business infrastructure technologies, business models, and payment and security systems in a corporate setting.
3. Formulate and critically evaluate the impact of e-business strategies on organisational processes and outcomes.
4. Demonstrate the technical research skills to assess existing and emerging e-business technologies to transform organisations for competitive advantages.
5. Develop the ability to work independently and contribute as a member of team employing appropriate interpersonal, professional and technical communication skills.
6. Interpret the legal, ethical, social and cultural issues that affect the use, design, and implementation of e-business systems.

Assessment Task:

This is an individual assessment. In other words, the e-portfolio is to be maintained by every student individually.

The e-portfolio assignment aims to enhance your weekly learning as per the weekly topic and maximise your engagement with the course resources (please see weekly topics under **Schedule** in this course profile).

As a learning tool, e-portfolio will enable you to accumulate evidence of your learning during the term. In this assignment, you are required to research at least three references (two academic and one general; and published within the last 3 years) that are relevant to the topics covered in each week from teaching Week-3 to Week-8. You will briefly describe and relate the academic sources to the topics covered in that week. You will enrich your weekly e-portfolio with relevant illustrations, video clips, and other multimedia applications as well. As a total you need to produce 6 e-portfolio documents, and each e-portfolio carries 5 marks. The length of each weekly e-portfolio should be approximately 500 words.

In this assignment you will use **Mahara** as a learning tool for your e-portfolio.

Marking Criteria for E-Portfolio:

- Knowledge and understanding of the topic
- Quality of academic source
- Relevance of the academic source
- Description of the source
- Relating the source with the topic
- Overall quality of the work

Assessment Item-2: Presentation (Total 20 marks)

Due Date: As per schedule

Weighting: 20%

Length: As appropriate but not more than 30 PPT slides.

Submission: Online Group submission. Presentation documents via Moodle, presentations in class (Distance students will be via online technology).

Assessment Objectives:

This assessment items relates to course learning outcomes**:**

1. Articulate the recent developments in e-business industry and its likely future directions.
2. Compare and explain various types of e-business infrastructure technologies, business models, and payment and security systems in a corporate setting.
3. Formulate and critically evaluate the impact of e-business strategies on organisational processes and outcomes.
4. Demonstrate the technical research skills to assess existing and emerging e-business technologies to transform organisations for competitive advantages.
5. Develop the ability to work independently and contribute as a member of team employing appropriate interpersonal, professional and technical communication skills.
6. Interpret the legal, ethical, social and cultural issues that affect the use, design, and implementation of e-business systems.

Assessment Task:

This is a **group based** assignment for on campus students.

E-Business is the main driver for any business today. E-Business related tools, technologies, and applications have been rapidly changing over the last ten years. To be competitive in the market, e-business system users need to follow up the innovations and new industry developments in a timely manner. So, the aim of this assignment is to improve your industry based practical research skills as well as team based working and learning.

In this assignment, as future ICT professionals, you are required to research e-business systems related to new developments in the industry and prepare a presentation as a group of up to **4 members** during the class time. You need to form your group in Week-3 and provide the group details to your local lecturer for confirmation. You also need to inform your lecturer about your proposed topic for your group presentation in Week-4.

For presentation topic, you should research industry magazines (online and offline) and Websites focused on innovations and developments in e-business systems. Your presentation should cover the content from an industry and practical point of view rather than theory.

Distance students: The time of the presentations and communication technology employed will be determined on an individual basis. Please contact the course coordinator well in advance.

Marking Criteria for Presentation:

- Topic knowledge and preparation of presentation
- The industry relevancy of presentation content
- The clarity and consistency of presentation
- Use of visual aids
- Time management
- Communication effectiveness
- Presentation coordination among group members
- Quality response to questions during question and response time
- Target audience
- Professional appearance

Assessment Item-3: E-Business Prototype Website Solution and Report (Total 50 marks)

Due Date: Friday, 1st June 2018, 11:45PM AEST

Weighting: 50%

Length: 3500 words

Submission: Online Group submission as per instructions on the Moodle Website.

Assessment Objectives:

This assessment items relates to course learning outcomes:

1. Articulate the recent developments in e-business industry and its likely future directions.
2. Compare and explain various types of e-business infrastructure technologies, business models, and payment and security systems in a corporate setting.
3. Formulate and critically evaluate the impact of e-business strategies on organisational processes and outcomes.
4. Demonstrate the technical research skills to assess existing and emerging e-business technologies to transform organisations for competitive advantages.
5. Develop the ability to work independently and contribute as a member of team employing appropriate interpersonal, professional and technical communication skills.
6. Interpret the legal, ethical, social and cultural issues that affect the use, design, and implementation of e-business systems.
7. Build e-business prototype solutions using open source technologies.

Assessment Task:

This is your major assignment and can be done in a group of up to **4 members**. The aim of this major assignment is to give you the opportunity to practice and demonstrate the knowledge that you have gained in this course as well as your skills and experience by developing a prototype Website solution for an SME. Hence, this assessment gives you the best opportunity for you to learn by doing and working in a team environment. Today it is a fact that e-business Websites are an integral part of any business operation for competitive as well as survival reasons. We have high expectations of you and therefore as a future ICT professional you need to be able to show your intellectual capability by providing a prototype Website solution for an SME of your choice in any industry type. This is critical, so you can use cutting edge and state-of-the-art technologies available on the Internet such as open sources to carry out your required work.

There are two parts in this assessment:

Part-1: E-Business Website Prototype Solution (20 marks; 500 words)

You as a group need to develop an e-business prototype Website solution using any open source platform such as Joomla CMS for an SME (small to mid-size business) in any industry of your choice. Alternatively, you can use any cloud-based Web development platform such as Wix, Shopify etc. to develop the e-business prototype Website. You will be required to design, configure and populate your proposed e-business Website using the open source CMS or cloud-based Web development platform. Each group needs to create one prototype Website solution.

In this part of the assessment, you are required to configure your Website and design homepage for your proposed e-business. You are required to configure extensions like catalogue, shopping cart, contact us, customer registration and any other extension appropriate for your business model.

Besides developing the proposed e-business prototype Website, you need to complete the following tasks.

• Briefly describe your group project reflections (some of the challenges encountered) in designing your e-business Website (250 words).
• List and explain the resources you had researched or used for designing your e-business Website as a group (250 words).

You are encouraged to use critical thinking, innovative ideas, and your imagination to produce your e-business prototype Website solution.

Part-2: E-Business Report (30 marks, 3000 words)

As a group you need to choose and propose e-business of your choice, approved by your local lecturer (or course coordinator for distance students). So please discuss your proposal with your lecturer in advance.

This group assignment relates to your understanding of the technological infrastructure and functional requirements of a small to mid-size e-business and to allow you to demonstrate your ability to research, analyse, synthesise and evaluate, and specify the requirements of a proposed e-commerce Website in a report. You are required to use at least 12 sources including 6 academic to write a high quality report.

It is expected that you will demonstrate your learning, integration and incorporation of the knowledge that you have acquired during this course to produce a high quality e-business report.

Marking Criteria for the Report:

- **Report cover page** (course name and title, report title, group details, due date),
- **Executive summary,**
- **Table of contents,**
- **Introduction** (including aim, objectives, scope and limitations of the report),
- **Background** of the report topic (including e-business proposal/planning, e-business strategies),
- **Discussions** of proposed solution including but not limited to;
    - e-business model(s),
    - e-business marketing,
    - e-business infrastructure (such as hardware, software, resource requirements),
    - e-business payment system(s),
    - e-business legal, security, privacy and other issues, and
    - e-business benefits that will be derived from the implementation of your e-business prototype Website solution,
- **Conclusions** and **Recommendations,**
- **References** (at least 12 sources including 6 academic),
- **Appendices** (if needed).