

ASSIGNMENT COVER SHEET

For use with online submission of assignments

Please complete all of the following details and then make this sheet the **first page of each file of your assignment – do not send it as a separate document.**

Your assignments must be submitted as either **Word documents, text documents with .rtf extension or as .pdf documents**. If you wish to submit in any other file format please discuss this with your lecturer well before the assignment submission date.

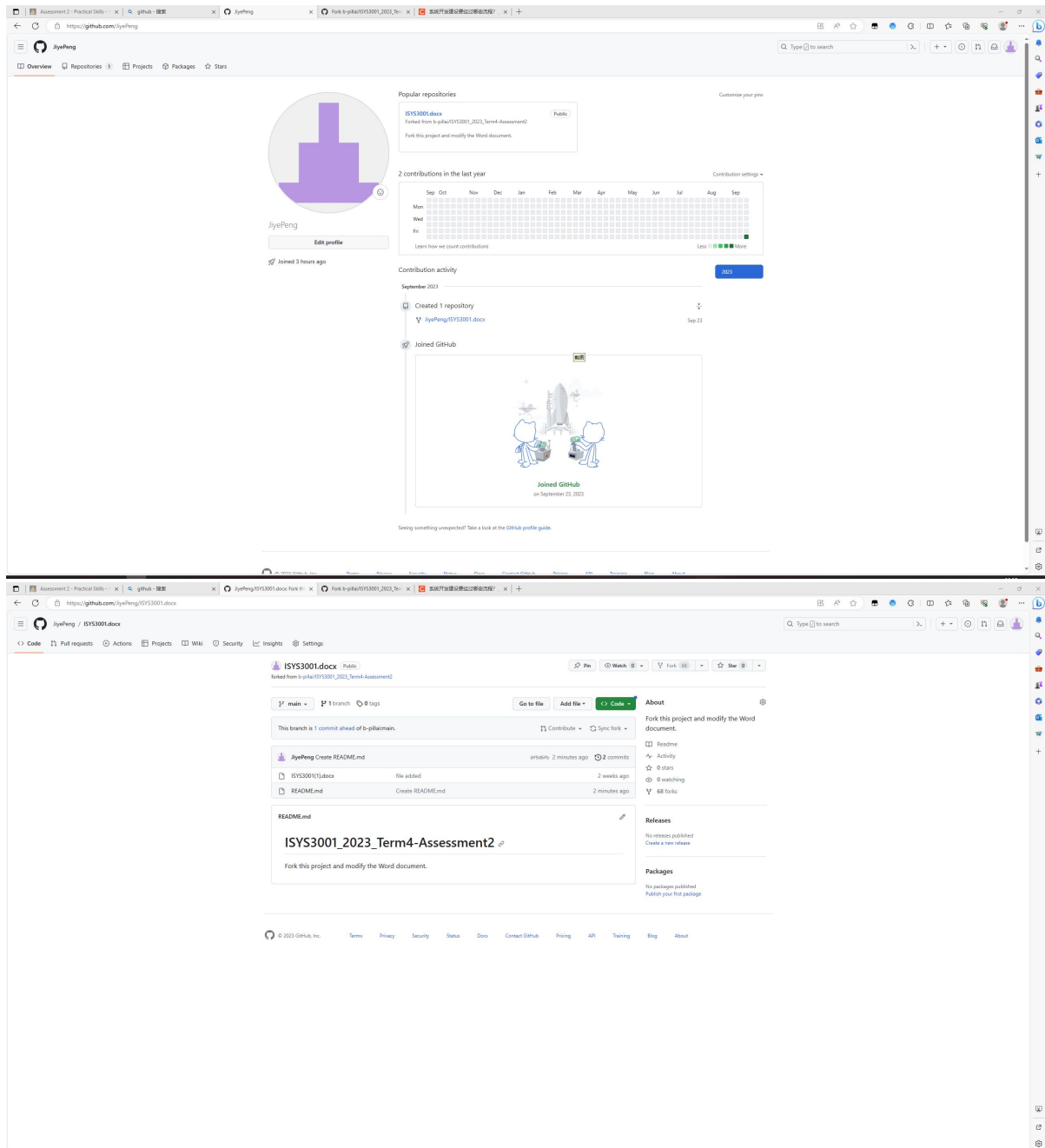
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Student ID No.:	24275248
Unit Name:	ISYS3001 Managing Software Development
Unit Code:	ISYS3001
Tutor's name:	ZhenJin Huang
Assignment No.:	Assessment 2
Assignment Title:	Practical Skills
Due date:	22 September 2022 11:59 PM (AEST)
Date submitted:	2023/9/24

Declaration:

I have read and understand the Rules Relating to Awards ([Rule 3 Section 18 – Academic Misconduct Including Plagiarism](#)) as contained in the SCU Policy Library. I understand the penalties that apply for plagiarism and agree to be bound by these rules. The work I am submitting electronically is entirely my own work.

Signed:	_____	Jiye Peng
(please type your name)		
Date:	_____	2023/9/24

Screenshot of part of GitHub website



The image shows two screenshots of the GitHub website. The top screenshot displays the profile page for user 'jiyePENG'. The profile includes a purple silhouette avatar, the name 'jiyePENG', and a bio stating 'Joined 3 hours ago'. The 'Popular repositories' section shows a repository named 'ISYS3001.docx' with a description: 'Forked from b-pilka/ISYS3001_2023_Term4-Assessment2. Fork this project and modify the Word document.' The '2 contributions in the last year' section shows a calendar grid with contributions in September. The 'Contribution activity' section lists 'Created 1 repository' and 'Joined GitHub' on September 23, 2023.

The bottom screenshot shows the repository page for 'ISYS3001.docx'. The repository is described as 'Forked from b-pilka/ISYS3001_2023_Term4-Assessment2'. The 'About' section states: 'Fork this project and modify the Word document.' The 'Files' section shows a commit by 'jiyePENG' with the message 'Create README.md' and a file named 'README.md'. The 'README.md' content is: 'ISYS3001_2023_Term4-Assessment2. Fork this project and modify the Word document.'



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Assessment 2 - Practical Skills - X | github - 提交 | Create README.md by jylfeng | Fork b-pilla/ISVS3001_2023_Term4-Assessment2 | 创建并推送空分支到远程仓库 | X | +

https://github.com/b-pilla/ISVS3001_2023_Term4-Assessment2/pull/46

b-pilla / ISVS3001_2023_Term4-Assessment2

Code Issues Pull requests 44 Actions Projects Security Insights

Create README.md #46

Open jylfeng wants to merge 1 commit into b-pilla/main from jylfeng/main

Conversation

jylfeng commented now

No description provided.

Create README.md

Verified

Add more commits by pushing to the **main** branch on **jylfeng/ISVS3001.docx**.

This branch has no conflicts with the base branch

Only those with write access to this repository can merge pull requests.

Write Preview

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Close pull request

Remember, contributions to this repository should follow our GitHub Community Guidelines.

ProTip! Add patch or diff to the end of URLs for Git's plaintext views.

Reviews

No reviews

Still in progress! Convert to draft

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestones

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

Notifications

Unsubscribe

You're receiving notifications because you authored the thread.

1 participant

Allow edits by maintainers

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Configuration Management

Change management

The steps of change management mainly include the following steps: assessment by relevant departments, formulation and implementation of control, testing by quality departments, implementation by relevant departments, quality verification, and preservation of change records. None of these steps is indispensable. If changes are necessary, personnel can be assigned to carry out unified supervision and testing. It is reported to the general responsible person after finalization, and the steps are standardized, supervised and easy to manage

Version management

The main function of version management is to improve the efficiency of software development, ensure the stability of code in the development process, improve the quality of software products, and provide reliable documents in the micro-software development process. Therefore, in the process of version management, personnel configuration should be strictly selected during the development of developers or teams, and appropriate tools and managers' rulings should be selected according to the actual situation. In terms of software, a complete code base should be established, problem tracking function should be created, problems and defect records should be found in time, so as to better control the version and code.

System building

Continuous integration is created because it is a repairable and automated system, and its purpose is to avoid integration problems, which will effectively avoid the progress and results of others' work due to one person's mistakes, and promote continuous collaboration throughout the work

Release management

The main purpose of release management is to ensure the availability of the changed content, as well as the deployment and practice of the changed content. Therefore, the company should carefully plan and control the release process, improve the delivery speed of the software, dispatch full-time personnel to supervise the later deployment of the content, and establish an appropriate feedback mechanism to ensure the stability and practice of the software

Request for Proposal (RFP)

Project background

The subject of the project is a company called Aussie Business Buzz (ABB), which sells a variety of technology products and wants to have a comprehensive system to support the operation of four stores or more

Customer requirement:

The following four initial requirements are included:

1. Customer relationship database containing information on purchased products and services
2. Have a marketing system
3. Inventory management system
4. Personnel feedback system

Requirement description:

1. Customer relationship database

In order to be able to maintain the smooth operation of four companies, customer information is crucial, so the customer relationship database should have the following points:

- a. Store customer information, know and understand customer needs.
- b. Keep customer purchase records, in order to do a good job of after-sales protection, maintain customer sources
- c. Do a good job of recording the questions raised by each customer, timely feedback, timely changes, so that customers have a good experience

2. Marketing system

The establishment of a marketing system can increase sales to a certain extent. Digital platforms can be used to promote the products of various companies, and soft implantation can be carried out when people browse other materials. This method is not only cheap, but also does not cost a lot of manpower to complete. Many potential purchasing power can be tapped to achieve the expansion of marketing channels

3. Inventory management system

- a. With tracking function, know the use of various inventory parts, easy to manage and retrieve. And can detect the operation of the equipment, timely maintenance report
- b. Clarify the functions of inventory products and classify them to facilitate personnel to find and use them

4. Personnel feedback system

First of all, the confirmation of the management personnel should be assigned and reported by the employees in charge. The employees in charge of each company should receive the opinions and suggestions from the customers, and feed them back to the superiors for rectification, so as to solve the doubts of the customers in time and improve the customer experience. Secondly, recruit and select employees to ensure the economic interests of the head office to the greatest extent

Evaluation method

1.Experience: Select candidates who have achieved success in other plans in similar proposals;The project itself, whether the plan meets the requirements of this RFP, whether the supplier's supply meets the requirements required by the Group

2. Cost: The group's budget is limited; select the most cost-effective plan type within the budget range;

3.The project itself, whether the plan meets the requirements of this RFP, whether the supplier's supply meets the requirements required by the Group

4. Time, the speed of progress depends on the Group's receipt of benefits and whether the Group can deliver the integrated system required by the Group within the specified time

Timetable

Date	Incident
2023. 8. 19	RFP release
2023. 9. 19	Reply to question
2023. 9. 20	Pre-plan collection deadline
2023. 9. 21	Discuss supplier selection
2023. 9. 25	Settle on a supplier
2023. 9. 26	Integrated system testing
2023. 10. 1	Integrated system testing

Budget:

Total budget: \$1w

Labor investment (\$5000) : mainly used to recruit personnel for the production of various systems, and recruit management to facilitate management

Non-human investment (\$5000) : In addition to human Labour, acquisition of hardware equipment, rental of premises, and office use

If you have any questions, can you contact us in the following ways

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