Assignment1_My Profile

Objective

The assignment requires students to write a report to self-reflect on why they choose to study IT at RMIT. The report will have to contains these 5 sections:

1. Personal Information
2. Interest in IT
3. Ideal Job
4. Personal Profile
5. Project ideas

Personal Information

In this part, student will need to provide their personal information including:

- Name
- Student Number
- Email Address
- Basic background information (e.g nationality and culture, education to date, spoken languages, etc.)
- At least 1 fact about yourself that others may find interesting (e.g hobby, pet, favourite sport, etc.)

Guide to complete the part

To structure this part of the assignment effectively, students should follow a clear and organized format. Here's a structured approach:

1. Introduction of Personal Information:

- Begin with a brief introductory sentence that sets the tone for this section.
- This could be a simple statement like, "In this section, I will provide a snapshot of my personal and academic background."

2. Name:

- Clearly state your full name.
- Example: "My name is [Full Name]."

3. Student Number:

- Mention your student number in a straightforward manner.
- Example: "My student number at [University/College Name] is [Student Number]."

4. Email Address:

- Provide your academic email address.
- Example: "I can be contacted for academic purposes at [Email Address]."

5. Basic Background Information:

- Nationality and Culture: Briefly describe your nationality and any cultural background relevant to your identity or education.
    - Example: "I am [Nationality], and my cultural background is deeply rooted in [Cultural Aspects]."
- Education to Date: Summarize your educational journey up to this point.
    - Example: "I have completed my education primarily in [Country/Region], focusing on [Field of Study]."
- Spoken Languages: List the languages you speak and your proficiency level.
    - Example: "I am proficient in [Language 1] and have a basic understanding of [Language 2]."

6. Interesting Fact About Yourself:

- Share an engaging and unique aspect of your life that sets you apart. This could relate to a hobby, a personal achievement, a unique experience, or any other interesting fact.
    - Example: "A unique aspect of my life is my passion for [Hobby/Activity], which I have been pursuing for [Number of Years]."

7. Concluding Sentence:

- Wrap up this section with a sentence that reflects your personality or academic goals.
    - Example: "These aspects of my personal and academic life represent my dedication to [Personal/Academic Goal]."

Remember, the key is to be concise yet informative, providing a clear picture of who you are as a student and individual. This part of the assignment is a great opportunity to introduce yourself in a way that is personal and engaging, while adhering to academic standards

⌄ Sample solution

Introduction of Personal Information:

"In this section, I will provide a snapshot of my personal and academic background, offering a glimpse into my journey and interests."

Name:

"My name is Jane Doe."

Student Number:

"My student number at the University of Learning is 12345678."

Email Address:

"I can be contacted for academic purposes at jane.doe@rmit.edu.vn"

Basic Background Information:

Nationality and Culture: "I am Canadian, with a cultural background that is a blend of French-Canadian heritage and a deep appreciation for global diversity." Education to Date: "I have completed my high school education in Toronto, focusing on sciences and humanities, and am currently pursuing a Bachelor's degree in Environmental Studies."

Spoken Languages: "I am fluent in English and French, and I have intermediate proficiency in Spanish."

Interesting Fact About Yourself: "A unique aspect of my life is my passion for birdwatching, which I have been pursuing for over five years. It has taken me to various national parks and fostered a deep appreciation for biodiversity and conservation."

Concluding Sentence: "These aspects of my personal and academic life reflect my commitment to environmental awareness and my eagerness to engage in multicultural experiences."

⌄ Interest in IT

In this part, student will need to answer some questions about their interest in IT, the reason they came to RMIT and their expectation during their studies. Each question should be answered 1 paragraph in length.

Guide to complete the part

For structuring responses to these questions, students should aim to compose clear and focused paragraphs. Each paragraph should address one specific question, providing thoughtful insights and relevant details. Here's a guide to structuring the answers:

1. Interest in IT:

- Introduction: Start with a sentence that introduces your interest in IT.
- Development of Interest: Elaborate on how your interest developed, including any key influences or experiences.

- Current Engagement: Mention any current activities or studies related to IT that demonstrate your engagement.
- Conclusion: Conclude with a statement that encapsulates your passion for IT.

2. Reason for Choosing RMIT:

- Introduction: Start with a statement explaining your decision to study at RMIT.
- Unique Features of RMIT: Discuss what aspects of RMIT attracted you, such as its academic reputation, specific courses, faculty, or campus culture.
- Personal Goals and RMIT: Link how RMIT aligns with your academic or career goals.
- Conclusion: End with a reflection on your expectations of studying at RMIT

3. Expectations During Studies:

- Introduction: Begin with a sentence outlining your anticipations for your study period.
- Academic and Personal Development: Describe your academic goals and how you hope to grow personally during your time at RMIT.
- Opportunities and Experiences: Mention specific opportunities or experiences you are looking forward to at RMIT.
- Conclusion: Conclude with a forward-looking statement about your time at the university.

∨ Sample solution

1. Interest in IT:

My fascination with Information Technology (IT) began in my early teens when I first experimented with coding. Over the years, this interest grew as I engaged in various projects, from building simple websites to participating in coding competitions. My current involvement in a local tech club, where I collaborate with peers on software development, further fuels my passion. This continuous journey in the world of IT has been both challenging and exhilarating, solidifying my commitment to pursuing a career in this dynamic field.

2. Reason for Choosing RMIT:

Choosing RMIT was a decision driven by its outstanding reputation in the field of IT and its cutting-edge curriculum. The university's emphasis on practical, real-world skills and its strong industry connections particularly resonated with my educational objectives. RMIT's commitment to innovation and technology aligns perfectly with my career aspirations of becoming a software developer. I am eager to immerse myself in the vibrant and diverse academic environment at RMIT, confident that it will be instrumental in shaping my future in IT.

3. Expectations During Studies:

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∨ Ideal Job

In this part, student will need to find an advertisement of what they believed to be their ideal job. It is recommended that student find the advertisement from platforms like https://itviec.com or https://www.vietnamworks.com

Job Advertisement:

- Provide a link to the advertisement.
- Include a snapshot in case the link becomes inaccessible before the assignment deadline.

Position Description:

- Summarize the job role in your own words.
- Highlight what aspects of the position appeal to you.

Skills, Qualifications, and Experience (Job Requirements):

- Outline the skills, qualifications, and experience specified in the advertisement.

Personal Skills, Qualifications, and Experience:

- Describe your current skills, qualifications, and experience relevant to the job.

Development Plan:

- Develop a plan detailing how you intend to acquire the necessary skills, qualifications, and experience for the position. Recognize that the plan may evolve and need adjustments over time.

Guide to complete the part

To effectively structure this part of the assignment, students should follow a step-by-step approach to address each aspect thoroughly. Here's a guide to structuring the answers:

1. Job Advertisement:

- Link to the Advertisement: Start by providing the URL to the job advertisement.
- Snapshot of the Advertisement: It's important to include a snapshot or a brief summary of the advertisement to ensure the information is preserved even if the link becomes

inaccessible.

2. Position Description:

- Summary in Your Own Words: Describe the job role based on your understanding.
- Appealing Aspects: Highlight what you find most appealing about the position, such as the responsibilities, the company culture, or the impact of the role.

3. Skills, Qualifications, and Experience (Job Requirements):

- Outline of Job Requirements: List the skills, qualifications, and experience required as per the advertisement.

4. Personal Skills, Qualifications, and Experience:

- Current Competencies: Describe your current skills and qualifications that align with the job requirements.
- Relevant Experience: Discuss any relevant experience you have that pertains to the job.

5. Development Plan:

- Short-Term Goals: Outline the immediate steps you plan to take to acquire the necessary skills and qualifications.
- Long-Term Goals: Discuss your long-term strategy for gaining the relevant experience.
- Flexibility and Adaptation: Acknowledge the need for adaptability in your plan.

This structured approach ensures that you comprehensively address the assignment, demonstrating a clear understanding of the job role and a thoughtful plan for achieving your career goals. Remember to personalize each section to reflect your unique profile and aspirations.

⌄ Sample solution

1. Job advertisment

   - "I found my ideal job listing on LinkedIn. The link to the advertisement is www.linkedin.com/job/graphic-designer. The job is for a Graphic Designer, and the snapshot of the advertisement includes requirements for creativity, proficiency in Adobe Suite, and experience in branding and marketing design."

2. Position Description

   - "The role of Graphic Designer involves creating visual concepts to communicate ideas that inspire, inform, and captivate consumers. I am particularly drawn to this position due to its focus on brand development, creative freedom, and the opportunity to collaborate with a dynamic marketing team."

3. Skills, Qualifications, and Experience (Job Requirements):

- "The job requires strong artistic skills, a bachelor's degree in graphic design or a related field, and at least 3 years of experience in a design role. Additional requirements include knowledge of web design and multimedia software."

4. Personal Skills, Qualifications, and Experience:

- "Currently, I possess advanced skills in Adobe Creative Suite, a keen eye for aesthetics and details, and have completed a Bachelor's degree in Fine Arts. My experience includes working as a freelance designer, where I successfully managed several branding projects for local businesses."

5. Development Plan:

- "In the short term, I plan to enroll in an advanced course in digital marketing to enhance my understanding of market trends and customer engagement strategies. Over the long term, I aim to gain experience by seeking opportunities in larger advertising agencies where I can work on diverse and challenging projects. I recognize that this plan may need adjustments and am prepared to adapt to evolving career requirements."

∨ Personal Profile

In this assignment, students are tasked with presenting the results of three online tests commonly used by employers: the **Myers-Briggs Type Indicator (MBTI)** test, a learning style test, and a third test of their choice. The third test should be relevant to potential employers, avoiding less professional assessments.

For each test, students must address the following questions:

What do the results of these tests mean for you?

- Interpret and explain the significance of the test results in relation to personal characteristics, preferences, and tendencies.

How do you think these results may influence your behavior in a team?

- Analyze how the test outcomes might impact collaboration, communication, and overall contributions within a team setting.

How should you take this into account when forming a team?

- Consider how awareness of these results should influence decisions when assembling a team, emphasizing the importance of complementary skills and qualities for effective teamwork.

The assignment encourages students to reflect on their individual characteristics, understand the potential impact on team dynamics, and apply this knowledge when participating in or

forming collaborative teams in a professional setting.

Guide to complete the part

To answer these 3 questions, students first need to take the 3 test. Student can find the 3 test as follow: [MBTI quiz](), [Learning style quiz](), [Holland Code Test]().

Note that students can choose other tests of their choice.

Here's a step-by-step guidance for each question:

- Understanding the Test Results:

  - Introduction (2-3 sentences): Start with a brief introduction of the three tests taken: the Myers-Briggs Type Indicator (MBTI), a learning style test, and a third test of your choice. Mention why these tests are significant for professional development.
  - Body (4-6 sentences): Interpret the results of each test. Explain what each result indicates about your personal characteristics, preferences, and tendencies. For instance, if your MBTI type is ENFP, explain what this implies about your personality and how it relates to your work style or learning preferences.
  - Conclusion (1-2 sentences): Summarize how these results provide insight into your personal and professional attributes.

- Influence on Team Behavior:

  - Introduction (2-3 sentences): Begin by stating the importance of understanding personal traits in a team context.
  - Body (4-6 sentences): Analyze how your test outcomes (MBTI type, learning style, etc.) might affect your behavior in a team. For example, discuss how your MBTI type might influence your communication style or approach to problem-solving in a group.
  - Conclusion (1-2 sentences): Conclude by highlighting the potential impact of these traits on team dynamics.

- Forming a Team:

  - Introduction (2-3 sentences): Introduce the concept of team formation based on an understanding of diverse personal traits.
  - Body (4-6 sentences): Discuss how awareness of your test results should guide you when forming or participating in a team. Consider aspects like complementary skills, contrasting personality types, and varied learning styles. For example, if you are an introverted and reflective learner, you might highlight the importance of balancing this with more extroverted or action-oriented team members.
  - Conclusion (1-2 sentences): Sum up the importance of diversified team composition for effective teamwork and achieving professional goals.

Remember, each paragraph should be clear and concise, focusing on the specific question while demonstrating a deep understanding of the test results and their implications in a professional

setting.

v Sample solution

Understanding the Test Results:

- Introduction: In undertaking the Myers-Briggs Type Indicator (MBTI), a learning style assessment, and a creativity-focused test, I gained valuable insights into my professional persona. These tools offer a window into how my inherent traits and preferences can shape my career path.

- Body: My MBTI result, INTJ, suggests a natural inclination towards analytical and strategic thinking. This implies a preference for structured environments where logic and efficiency are valued. In contrast, my learning style test indicated a strong visual and kinesthetic learning preference, favoring hands-on experiences and visual aids in absorbing information. The creativity test, revealing high scores in innovative thinking, complements these findings by underscoring my ability to approach problems with unique perspectives. Together, these results paint a picture of a methodical, yet inventive professional, adept at turning complex theories into actionable strategies.

- Conclusion: These tests collectively provide a multifaceted view of my professional strengths and learning preferences, highlighting areas where I can excel and contribute significantly.

Influence on Team Behavior:

- Introduction: Understanding my personal traits, as revealed by these tests, is crucial in predicting my potential contributions and interactions within a team setting.

- Body: As an INTJ, I'm naturally inclined towards leadership roles that require strategic planning and decision-making. However, this could potentially lead to overlooking more empathetic or spontaneous approaches in team discussions. My preference for visual and kinesthetic learning suggests that in team collaborations, I might be more effective in roles that involve creating visual representations of ideas or engaging in hands-on activities. Moreover, my creativity test results suggest that I could drive innovative solutions in team projects, although it's essential to balance this with practical execution strategies.

- Conclusion: Recognizing these tendencies allows me to anticipate how I might behave in a team and adapt to ensure balanced and effective collaboration.

Forming a Team:

- Introduction: The insights gained from my personality and skills assessments are instrumental in guiding how I should approach team formation in professional contexts.

- Body: Given my INTJ profile and my learning style, I should seek team members who can complement my structured and analytical approach with more spontaneous and empathetic perspectives. For instance, including team members with a preference for auditory learning could balance my visual-kinesthetic inclination, ensuring diverse inputs in information processing and decision-making. Similarly, partnering with personalities who are more extroverted or feeling-oriented can bring a human-centric balance to my task-oriented approach. This balanced team composition can create a synergy of skills and perspectives, crucial for tackling complex, real-world problems.

- Conclusion: Therefore, in forming teams, it's pivotal to consider a blend of personalities and skills that can collectively address the multifaceted nature of professional challenges.

This example demonstrates how to structure your responses, ensuring each paragraph is concise, focused, and reflective of your understanding of the assignment requirements.

⌄ Project Ideas

The assignment requires a **1,000** word report outlining a project idea in the field of information technology. The report should cover the project's overview, motivation, detailed description, required tools and technologies, skills needed, and potential outcomes.

The project can fall under various categories, such as developing a game, creating a smartphone app, exploring innovative applications for new hardware, implementing a chatterbot, or building an electronic artifact like a model for games.

Student can refer to this outline:

Overview (100 words):

- Brief summary of the project's essence.

Motivation (100 words):

- Why the project is interesting or useful.
- Possible inclusion of statistics or evidence.

Description (500 words):

- Detailed features of the product or service.
- Emphasis on significance and potential challenges.

Tools and Technologies (100 words):

- Software, hardware, and open-source tools needed.

Skills Required (100 words):

- List of necessary skills, software, and hardware.
- Evaluation of feasibility in acquiring these resources.

Outcome (100 words):

- Anticipated impact and benefits if the project succeeds.
- How the original problem will be resolved.

Guide to complete the part

To successfully complete this 1,000-word report on an IT project idea, follow this step-by-step guide:

- Choose a Project Idea (Pre-Writing, Not Included in Word Count):

  - Reflect on your interests and expertise in IT.
  - Select a project category (e.g., game development, smartphone app, innovative hardware application, chatterbot, electronic artifact).
  - Ensure the idea is feasible with available resources and skills.

- Write the Overview (100 words):

  - Begin with a clear, concise statement that captures the essence of your project.
  - Include what the project is about and its primary objective.
  - This section should be engaging and generate interest in the reader.

- Craft the Motivation Section (100 words):

  - Explain why this project is interesting or necessary.
  - Include relevant statistics, market needs, or technological trends to support your reasoning.
  - Aim to convince the reader of the project's relevance and timeliness.

- Detail the Description (500 words):

  - Elaborate on the features of your project.
  - Discuss its significance, unique aspects, and how it differs from existing solutions.
  - Identify potential challenges and how you plan to address them.
  - This section should be informative and comprehensive, providing a clear vision of your project.

- Outline Tools and Technologies (100 words):

  - List the software, hardware, and any open-source tools required for your project.
  - Briefly explain why these tools and technologies are necessary.
  - This section should demonstrate your technical understanding of the project's requirements.

- List Skills Required (100 words):

  - Detail the skills necessary to successfully complete the project.
  - Include both technical skills (like programming languages) and soft skills (like project management).

- - Assess the feasibility of acquiring these skills, considering your current abilities and resources.

- Discuss the Outcome (100 words):

  - Describe the expected impact and benefits of your project.
  - Explain how your project will resolve the original problem or fill a gap in the market.
  - This should be a compelling conclusion that underscores the value of your project.

- Revision and Proofreading (Post-Writing, Not Included in Word Count):

  - Review the report for clarity, coherence, and conciseness.
  - Ensure that it adheres to the word count and is free from grammatical errors.
  - Consider peer review or feedback from a mentor for additional insights.

Remember, each section should seamlessly connect to the next, creating a coherent narrative about your project. Your report should not only outline the technical aspects but also convey your enthusiasm and belief in the project's potential.

⌄ Sample solution

- Overview (100 words):

"In this era of digital transformation, my project aims to develop an innovative smartphone app, 'HealthTrack', focused on personalized health and fitness. HealthTrack will integrate features like diet tracking, exercise routines, and health monitoring in a user-friendly interface. This app stands out by offering AI-powered nutrition advice and virtual workout coaching, catering to the burgeoning demand for comprehensive digital health solutions. The objective is to provide a holistic platform that simplifies and enhances individual health management, leveraging the convenience of smartphones."

- Motivation (100 words):

"The motivation behind HealthTrack stems from the growing consciousness around health and fitness, accelerated by the COVID-19 pandemic. Statistics show a 46% increase in health app downloads in 2020, reflecting a rising trend in self-managed health and fitness routines. HealthTrack addresses this surge in demand by offering a comprehensive, AI-driven solution. It's not just an app; it's a lifestyle companion aimed at empowering users to make informed health decisions. The integration of AI makes it a pioneering tool in personalized health care, setting it apart in the competitive digital health market."

- Description (500 words):

"HealthTrack is designed as a multifaceted health companion. The core functionality includes:

  - Diet Tracker: Utilizing AI, it analyzes dietary habits and suggests personalized meal plans. It also allows barcode scanning for nutritional information and tracks calorie

intake.

- Exercise Routines: Features a range of workout plans catering to different fitness levels, from beginners to advanced. It includes AI-generated virtual coaching for correct exercise postures and routines.
- Health Monitoring: Syncs with wearable devices to monitor vital stats like heart rate, blood pressure, and sleep patterns, providing comprehensive health reports.

One of the significant challenges is ensuring data privacy and security, especially when dealing with sensitive health information. HealthTrack will employ robust encryption and comply with health data regulations to safeguard user privacy.

Another challenge is the AI integration for personalized advice. This requires the development of a sophisticated algorithm that accurately interprets health data and provides reliable recommendations. Collaborating with health professionals and AI experts is crucial for this aspect.

HealthTrack's potential lies in its comprehensive approach to health and fitness. Unlike other apps focusing on single aspects like diet or exercise, HealthTrack provides a holistic health management system. Its AI-driven insights and recommendations offer a level of personalization that is currently lacking in the market."

- Tools and Technologies (100 words):

  "The development of HealthTrack will require:

  - Software: Android Studio and Swift for app development on Android and iOS platforms, respectively. TensorFlow for AI and machine learning components.
  - Hardware: Testing devices across various smartphone models.
  - Open-source tools: GitHub for version control and collaboration, and various AI and health datasets for training the machine learning models.
  - These tools and technologies are selected for their reliability, community support, and compatibility with our project requirements."

- Skills Required (100 words):

"Key skills needed include:

- Technical Skills: Proficiency in Android and iOS app development, AI and machine learning implementation, data encryption, and cybersecurity.

- Soft Skills: Project management, teamwork, and effective communication for collaboration.

  Most team members already possess app development skills, but additional training in AI implementation and cybersecurity will be necessary. Resources for skill development are available through online courses and workshops."

- Outcome (100 words):

"If successful, HealthTrack will revolutionize personal health management. Its anticipated impact includes improved health awareness and practices among users, potentially reducing lifestyle-related health issues. By addressing the current gap in AI-driven health apps, HealthTrack aims to set a new standard in the digital health industry. The success of this project could lead to partnerships with healthcare providers and fitness experts, further enhancing its effectiveness and reach."

(Note: This is a condensed version of the full 1,000-word report and serves as an illustrative example. The actual report would contain more detailed information in each section to meet the word count requirements.)