# MODULE 3 UNIT 2

**Assignment:**

**Identifying transactions that could benefit**

**from costless verification**

Learning outcomes:

LO4: Investigate (online and offline) complements to blockchain technology that may help to solve the last mile problem.

LO5: Compare applications of cheaper settlement and reconciliation across different industries.

LO6: Recommend feasible solutions to the last mile problem.

### Name:

#### Instructions and guidelines (Read carefully)

##### Instructions

1. Insert your first and last names in the space provided above, as well as in the **file name.** Save the file as: **First name Last name M3 U2 Assignment – e.g., Zadie Smith M3 U2 Assignment**. **NB:** *Please ensure that you use the name that appears in your participant profile on the Online Campus.*

2. Write all your answers in this document. There is an instruction that says, “Start writing here” under the question. Please type your answer there.

3. Submit your assignment in **Microsoft Word only**. No other file types will be accepted.

4. **Do** **not delete the plagiarism declaration** or the **assignment instructions and guidelines**. They must remain in your assignment when you submit.

**PLEASE NOTE**: **Plagiarism cases will be investigated in line with the terms and conditions for participants.**

IMPORTANT NOTICE: Please ensure that you have checked the Online Campus for the due date for this assignment.

##### Guidelines

1. There are 4 pages and 1 question in this assignment.

2. Make sure that you have carefully read and fully understood the question before answering it. Answer the question fully but concisely and as directly as possible. Follow all specific instructions for individual parts of the question (e.g., “list,” “in point form”).

3. Answer the question in your own words. Do not copy any text from the video sets, readings or other sources. **The assignment must be your own work only.**

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| **Plagiarism declaration:** |
| **1. I know that plagiarism is wrong. Plagiarism is to use another’s work and pretend that it is one’s own.**  **2. This assignment is my own work.**  **3. I have not allowed, and will not allow, anyone to copy my work with the intention of passing it off as his or her own work.**  **4. I acknowledge that copying someone else’s assignment (or part of it) is wrong, and declare that my assignments are my own work.** |

Review guidelines:

Your assignment will be reviewed according to your insight into the current settlement and reconciliation processes of a transaction, blockchain technology’s impact on the cost of verification, identification of the last mile and a proposed solution, and the structure and logic of your writing. View the detailed rubric on the Online Campus.

### Question 1

Consider the examples included in the casebook as well as examples from your own research. After reflecting on how blockchain technology is used to cheaply verify attributes, identify your own example of a specific business transaction that could benefit from costless verification. Write a clear and coherent report in which you address the following questions and points:

* What are the current settlement and reconciliation processes involved in the transaction?
* How could the use of blockchain technology impact the cost of verification of the transaction and its attributes?
* Identify evidence of the last mile problem in the transaction and suggest a potential solution, including suitable complements that may help.
* In your solution to the last mile problem, include points relating to the following three choices from the framework for implementing entrepreneurial strategy: customers, technology, and competition. For example:
  + Will your customers be individuals or other businesses?
  + Will your competition be value-chain enhancing or value-chain replacing?
  + Will the blockchain technology used be permissioned or permissionless?

(400-800 words)

Note:

We highly recommend that you avoid disclosing any confidential information in your assignments. Although you are encouraged to draw on real-world experience during the program, we would urge you to use pseudonyms (false names) wherever possible. You are entirely responsible for ensuring that you do not disclose any information that is protected by confidentiality undertakings – we will ensure that all information is treated in accordance with our privacy policy.

Please read Section 4 of the Honor Code in the Orientation Module course handbook for more guidance.

Start writing here: