# FRONT – PAGE:

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COURSEWORK NAME: COMP1787 REQUIREMENT MANAGEMENT

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# Requirement Management Report for the case study: “Green Groceries Online Platform”

GG – Green Groceries

# SECTION – A: 1000 words at least.

1**. INTRODUCTION ABOUT GREEN GROCERIES ONLINE PLATFORM:**

Just one paragraph is enough (around 300-600 words) – could do at home and DO NOT SHARE TO ANYONE:

2**. DRAWBACKS OF TRADITIONAL SOFTWARE DEVELOPMENT METHOD:**

Show some practical examples in real world (you could use from the teacher suggested website – with screen shots that related to the website of using old SDLC methodology – or any others website you want that relate to the scenario with Green Groceries).

**3. AGILE FRAMEWORK METHODS AND ITS OVERVIEW:**

Reference: slide file 4, 5, 6.

Introduce

RAD

Prototyping

JAD

Fiedlity Workshops

Timeboxing.

**4. SYSTEMATIC WORKFLOW OF ONLINE PLATFORM DONE WITH AGILE METHOD:**

This part for choosing methods from overviewing all SDLC methodologies in the third part that we have overviewed. => applied the methods into the scenario.

(ARCHITECTURE DIAGRAM ABOUT GREEN GROCERIES ONLINE PLATFORM, SPRINT FLOW METHODS, STRUCTURE OF THE DEVELOPMENT TEAM AND THEIR ROLS, MODULE WISE DFD SUMMARY) => draw diagram through the tool inside the Word (you could draw in the draw.io but be careful of the overall size of the Word document.

Agile is all the methods would be evolved to support for Agile project.

5. MERITS OF USING AGILE:

List some advantages of using agile don’t write too much.

# SECTION – B: High level requirements analysis using MoSCoW rules

GG personnel mentioned in the course work you could… (ask teacher for more information)

1. BASE LINE REQUIREMENTS REVIEW

1.1. GIVEN REQUIREMENT ANALYSIS USING MOSCOW RULES:

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Requirements** | **MoSCoW rule applied** | **Reasons** |
| **1** | As an Order Handling Clerk, I want to use the website to process telephone purchases, replacing the paper-based system. |  |  |
| **2** | Maintain at least 20 office plants as part of the company's commitment to a green and healthy workspace. |  |  |
| **3** | As a customer, I want to be able to change my account details to ensure my most up-to-date information is recorded. |  |  |
| **4** | Organize a virtual celebration on the website for the CEO's birthday to showcase the company's fun and friendly culture. |  |  |
| **5** | As the Managing Director I want to be ensured that the site is Data Protection Act safe so that we do not get fined hundreds of thousands of pounds. |  |  |
| **6** | As a customer register an account. |  |  |
| **7** | As a Customer I want a choice of delivery slots so that I can arrange my diary appropriately. |  |  |
| **8** | As a customer, I want to be able to modify my shopping cart so that I can change my mind about what I want to buy. |  |  |
| **9** | The company should adopt pet-friendly policies to create a positive and inclusive work environment. |  |  |
| **10** | The system must be designed to handle a 30% increase in traffic during peak periods without degradation in performance. |  |  |
| **11** | As a customer, I want to enter separate delivery and invoice addresses so that I can receive bags when staying at a friend’s house. |  |  |
| **12** | As a Customer I want to be able to change my account details so that my most up to date details are recorded. |  |  |
| **13** | As an Order Handling Clerk I want to use the Web site to process telephone purchases so that I can stop using the paper-based system. |  |  |
| **14** | As a customer, I want to choose whether or not I am sent marketing information to avoid receiving excessive junk mail. |  |  |
| **15** | All user data, including personal information and payment details, must be encrypted to ensure the highest level of security. |  |  |
| **16** | Maintain consistent branding elements and design across the website to reinforce their brand identity. |  |  |
| **17** | The development team should participate in a team-building event every quarter to foster collaboration and a positive work environment. |  |  |
| **18** | As the Marketing Director I would like an offers or discount page so that we can inform our customers of the aforementioned. |  |  |
| **19** | As the Chief Accountant I want to the Web site to adhere to legislation regarding VAT so we are not hit with a hefty fine. |  |  |
| **20** | As the Operations Director, I want to accept all forms of payment to capture the largest market possible. |  |  |

1.2. UPDATED HIGH LEVEL FUNCTIONAL REQUIREMENTS

|  |  |  |
| --- | --- | --- |
| ID | HIGHER LEVEL FUNCTIONAL REQUIREMENTS | JUSTIFICATIONS/ RECOMMENDATIONS |
|  |  |  |
|  |  |  |

Only from 8 – 10 justification and/ or modification from the previous requirements MoSCoW table and/ or adding new functional requirements not from the previous table with reasons (recommendations)

2. TIMEBOX RULES FOR THE UPDATED HIGH-LEVEL REQUIREMENTS:

2.1. PRIORITISATION LIST OF REQUIREMENTS

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Updated high level requirements | Priority level (High/ Moderate/ Low) | Time scale |
|  |  |  |  |
|  |  |  |  |

Copy and paste from the updated table with higher level requirements (maximum 10 updated requirements)

Maximum timebox from all of the time scale is 90 days for RAD development with all 10 new updated requirements.

2.2. EXPLANATION ABOUT PRIORITISING THE REQUIREMENTS AND THE DECISIONS TAKEN

Write in a paragraph around 500-750 words for all total in 10 new requirements; no need to write in each requirements.