Seneca College School of Information and Communications Technology  
Appendix A: Project Initiation Document

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| **Date Submitted:** | Nov 2nd, 2016 (Wed) |
| **Team Number and Name:** | Group 13, Lucky Number |
| **Team Members:** | Aaron Scott, Eunsol Lee, Michael Dipaling, Aleksandr Sledkov, Choudry mazhar |
| **Project Title:** | More Better point of sale system |
| **Client Information:** | Key North Cottage Supply |
| **Target Completion Date:** | End of semester |

1. **Positioning**
2. **The Business Opportunity**
3. **Problem Statement**

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| *The Problem of* | The existing Point of Sale system requires too many people to manage the manual checks and balances. |
| *Affects* | Customers, store manager, employees, employee relation manager. |
| *The impact of which is* | In a long term, the existing system will require more people and cost more money to maintain the system. |
| *A successful solution would* | Build the system that automates the checks and balances, reduce some current errors, provide flexibility and reliability. |

1. **Stakeholders and Users**
2. **Stakeholders**

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| **Stakeholder Title (Name)** | **Category/ies** |
| Founder(Sam) | Users  (Tech-adopters) |
| Technician | Customers |
| Employee | Users  (Standard) |
| Procurement Analyst | Customers |
| Accountant | Customers |
| Independent Contractors | Customers |
| Employee Relation Manager | Users  (Tech-adopters) |
| Marketing Manager | Users  (Tech-adopters) |
| Store Manager(Darlene, Daniel) | Users  (Tech-adopters) |
| Warehouse Manager | Users  (Tech-adopters) |
| Rental manager | Users  (Tech-adopters) |
| Customer project manager | Users  (Tech-adopters) |
| Inventory manager | Users  (Tech-adopters) |
| Web developers | Developers |
| Charities | Sponsors |
| KNCS POS system | Users  (non-human) |
| Resident Designer | Customers |
| In-house design experts | Customers |
| Workshop instructor | Users  (standard) |
| Customers | Customers |
| Marketing events | Sponsors |
| Advertising vehicle | Sponsors |
| Bank | Authorities |
| Canada revenue agency | Authorities |
| Deliveryman | Customers |
| Suppliers | Customers |
| Local repair shop | Customers |
| Classroom manager | Users  (Tech-adopters) |
| Customer service manager | Users  (Tech-adopters) |
| Recreation and leisure manager(Darryl) | Users  (Tech-adopters) |
| Restaurant Staff | Users(Standard),  Customers |
| Store management system | Users  (non-human) |
| Group 13 | Developers |
| Muskoka Area municipal government | Authorities,  Sponsors |
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1. **Key Stakeholder and User Needs**

Employee Relation Manager

* Create schedule
* Update schedule
* Crate a payroll
* Send a payroll

Inventory manager

* Audit inventory
* Create purchase orders
* Send purchase orders
* Create inventory items
* Send inventory items
* Receive purchase orders
* Receive inventory items
* Update inventory control list

Classroom manager

* Create invoice
* Receive invoice
* Audit all customers

Rental manager

* Keep track for equipment in use
* Keep track for customers contact information
* Keep track for equipment in warehouse

Customer project manager

* Create invoice
* Send invoice
* Update project process
* Check inventory
* Create purchase orders
* Send purchase orders

1. **Product Position Statement**

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| --- | --- |
| *For* | Key North Cottage Supply |
| *Who* | Require an automated system for managing checks and balances |
| *The* | More Better point of sale is an automated point of sale system |
| *That* | Require less employees to be effected with the existing business |
| *Unlike* | The existing POS system |
| *Our product* | The new POS system will be up to 30% cost efficient, with automated checks/balances features and reduced errors |

1. **Constraints**

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| **Constraint** | **Description** | **Workaround or Solution** |
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1. **Operating Environment**
2. **Scope of System Being Developed**

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| **Feature** | **Functionality of the Feature** | **Use Case Name** |
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**IV. Ethical and Legal Issues**

**V.Other Issues or Information**

**Signatures Date**