****

**ENGN8260 /​ COMP8260 |** Professional Practice 2

Week 7 **Responsible Innovation Project audit**

Workshop Activity

Before and during the teaching break you collected all data you required for your Responsible Innovation Project. You will have this data displayed in tables, charts, histograms, etc. Interpret and make meaning from your data using the following prompts. Iterate project information based on new insights.

1. **Clarifying new insights using DT tools** *(Take 15 mins for this task)*

New insights lead to new understanding. Iterate the following DT tools based on new insights.

* 1. Project Client Map #7 & #9
  2. Value Proposition Canvas
  3. What other DT tools will help to visualize and make sense of your data?

*--Please see in repository.*

1. **Making sense of your data** *(Take 30 mins for this task)*

Summarise your qualitative and quantitative results briefly using OSEM. Include key facts, concepts or theory from your background research to help explain the results as needed.

*O = Obvious; S = Specify; E = Evidence; M = Meaning*

*--The unemployment rate in Kenya for 20-24years old is very high obviously, which means the young Kenya graduates do not have enough employability in the labor market. The evidence is that it is as 14.2% according to Kenya official survey, However, the ICT market is expanding fast, which means there is high potential for both Kenya’s ICT market and the young graduates.*

*We have noticed that the cyber security may be a potential increasing point, since the mobile transaction users is also rising in recent years but the cyber-attack in Kenya has increased by 106.7% from 2020 to 2021.*

*Currently, the Moringa school has enrolled 3000+ school and the employment rate is 85%, which is pretty high.*

1. **Iterating the project scope** *(Take 15 mins for this task)*

Iterate the elements in this table (from your project proposal) based on insights from your data.

|  |  |
| --- | --- |
| **Element** | **Detail** |
| Project title | No, Moringa school in Kenya |
| POV | No |
| Outcome | Provide a feasible solution and workable model of ICT education support for countries in the southern hemisphere and analyse the feasibility。 |
| Output | [What are the outputs (products, services, business, or management practices) that are required (produced) to meet the identified outcomes.]   * Feedback mechanisms for graduates * Possible improvement for current education mechanism * Improvement advice for school operation model |
| Quality Criteria | [What criteria will be used to judge whether outputs are fit-for-purpose?]  1.The degree of knowledge learned  2. Percentage of full-time jobs found after study  3. Satisfaction of the Course |
| Customer(s) | [Have your customers changed?]  No,  The target customer is someone who wants to find a job and has the ability to take the course (received higher education, because not everyone has this learning foundation). |

1. **Redefining project requirements** *(Take 30 mins for this task)*

Iterate the requirement in this table (from your project proposal) based on insights from your data.

Project requirements have been sourced from **<add details>**. Project requirements identified to date are detailed below. *[Adjust the rows and columns and text below to reflect requirements identified for your project challenge.]*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Requirement category** | **Sub-cat** | **Req ID** | **Requirement** | **Owner** | **Priority** |
| User requirement | UR-1 | 1.0.1 | Basic IT knowledge | Shiyun Zhu | High |
| User requirement | UR-2 | 1.0.2 | Comments from customers about our idea and models, etc. | NA | High |
| Technical requirement | TR-1 | 1.0.3 | A personal computer or laptop to analyse data | Bowen Zhang | High |
|  | TR-2 | 1.0.4 | Google review to complete survey | NA | Medium |
| Legal requirement | LR-1 | 1.0.5 | Clients’ consent on data privacy and usage | NA | High |
|  |  |  |  |  |  |
| [Other…standards, regulations, etc] |  |  |  |  |  |
|  |  |  |  |  |  |

1. **Evaluating the research design** *(Take 20 mins for this task)*

Evaluate the research design and data collection procedure, making comments about the effectiveness. Suggest changes in the procedure and/or possibilities for further work.

|  |  |
| --- | --- |
| **Criterion** | **Notes** |
| 1. What was effective about your research design? | Real time communication and work via zoom |
| 1. What changes to the research design would you suggest to your client? | Cost control; flexible course design; Localized learning material; Online/Offline study |
| 1. What were the ethical considerations in your research design? | Questionnaire design  Participant consent for data usage  Data Privacy  Ethical discrimination and gender inequality |
| 1. Could you have collected data in a more efficient way to aid and support analysis? | Online survey; Official website; Local Forum; LinkedIn or relevant career website; google review |
| 1. Did you function effectively as a team?   How do you know? | Yes, because we could communicate efficiently and cooperate; we have regular meeting and clear schedule. |

1. **Evaluating the project team using feedback from facilitator (\*and mentor)**

|  |  |
| --- | --- |
| **Criterion** | **Notes** |
| 1. What did you learn from feedback? |  |
| 1. What will your team change based on feedback? |  |
| 1. How will you make these changes? What is the timeframe for the changes? |  |