Assignment 3

Due Date of Assignment February 16th – **Aim to complete February 9th** ? so we have time to prepare individual presentations (videos)

# Team Profile

### Team Name

Keep the same team name? = YES

### Personal Information

We re-use from Assignment 2 🗹

### Group Processes

Will you be introducing any changes in process for Assignment 3? (Only Team lineup?)

### Career Plans

Someone to compare the groups similarities of career plans. \_\_\_*name*\_\_\_\_ Due Date

# Tools

Supply the links to Git and the website. Due Date February 9th 2020

Comments on how well the audit trail on Git reflects groups work \_\_\_*name*\_\_\_\_ Due Date

# Project Description

### Group Project

Group has agreed to “Plant health app – how not to kill your pot plant.”.

#### Topic

Overview and Outcome = 2 paragraphs.

* Flowchart of the process.

Prepared by \_\_\_name\_\_\_\_ Due Date

Jeremy – overview.

Shane - outcome.

#### Motivation - Brian

1 paragraph to compose of the below information.

* What are the motivations = Brian
* Why is it important = Brian
* Does it fit with IT trends =
* What would it show an employer =

\*\*Individually make own list and fill in as a group during discussion? Due Date

#### Landscape - Daria

At least 1 paragraph to compose the below information

* Similar systems available =
* What competitors =
* Difference compared to existing =

\*\*Individually make own list and fill in as a group during discussion? – Due Date

#### Detailed description Aims

1 paragraph for the Aim and 1 paragraph for each of the below:  
*(Each paragraph should include a description of the aim or goal, and a justification for it.)*

* Main Aim =
* Goals =
* Most important parts of the project =
* Which parts have priority =
* If only time for 1 goal, which one? =

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#### Roles

This would require a Solution Architect (Brian) to evaluate and co-ordinate technologies, a Chief Information Officer (Jeremy) to look at available cloud based technologies and deliverables, a Principal Data Insights Analyst (Shane) to evaluate the data used to feed the A.I. and a Machine Learning Engineer (Daria) to guide us through the process.

#### Scope and Limits

1 paragraph

Within our time frame, what parts of the project would we knock out first to present to someone?

Ideas:

* Layout of the app (knock-up screenshot of the UI)
* Flowchart of the process.
* Database of Questions
* Knowledge Base (responses from the AI)

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#### Tools and Technologies

No minimum for reply – Needs to be as precise as possible. Does not need description of the tools.

* What Software =
* What other tools =
* Software licenses needed =

Brief description of groups prior experience with these above tools.

\*\*Individually make own list and fill in as a group during discussion? Due Date

#### Testing

1 paragraph

* How will we test the project =
* How do we know if it succeeds =
* How to find & test users and how many and what background =

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#### Timeframe

This means that your plan will be for a total of 15 weeks, with the first 6 being on this assignment. (Allotted 36 hours for assessment and 100 hours after the course per person)

*“This should be presented in the form of a table, with one row for each week, specifying as best you can the work for each person for each week. This means that the first six rows of the table will describe your progress so far, and the remaining 10 your best guess at how the remaining time would work.”*

*“This may include getting familiar with tools, or reading up on a particular technique or technology. You should also include time for writing up the final report and any other documentation”.*

Suggestions:

* Gant chart in Excel
* Monday.com
* Trello?

Discuss as group the tool to use and completed by \_\_\_name\_\_\_ Due Date

#### Risks

What PROJECT SPECIFIC risks can you identify for your project?

*“Do not include computers breaking down the night before a deadline, health and family issues, and institutional changes = No Generic Risks”*

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#### Group Processes and Communications

One paragraph

* How will your group communicate?
* How often will meetings take place?
* Will these be face-to-face, or using technologies such as Skype? Or Facebook? Or email? Or text? Or ... ??
* What will you do if you have a group member who does not respond to communications?

Do as a group or prepared by \_\_\_name\_\_\_\_ Due Date

### Skills and Jobs

Let us suppose that a group of venture capitalists hears about your project and is so impressed that they wish to fund you to develop it further for say six months. You will be the manager of a team of 4 people to deliver the project outcomes. What position description would be appropriate? Write 4 position descriptions for people that you would employ to take your project to the next phase. You will need to consider what skills are appropriate, which may include specific technical expertise, team work experience, leadership and management techniques, and innovative thinking

1. .
2. .
3. .
4. .

\*\*Individually make own list and fill in as a group during discussion? – Due Date

### Feedback

Spark Plus = We get this document ready on the 12th of February for completion date of February 14th

### Group Reflection

Each member 200 words each and 400 words as a group

* Complete Individually 7th February?
* Complete as a group 7th-8th February? = \_\_\_\_ name \_\_\_\_\_