Week 1 – Week 3: setting up the project topic

← **Boards**

Chun Hin Chan ☆ | FIT3036 S2 2

Pin Board ...

Project Title: Prediction of suicide in Facebook data using machine learning algorithms

Objectives / Hypothesis / Project Aims

💬 1

Resources and Tools

Data Sources

References:
https://www.scientificamerican.com/article/can-facebooks-machine-learning-algorithms-accurately-predict-suicide/

Add a card…
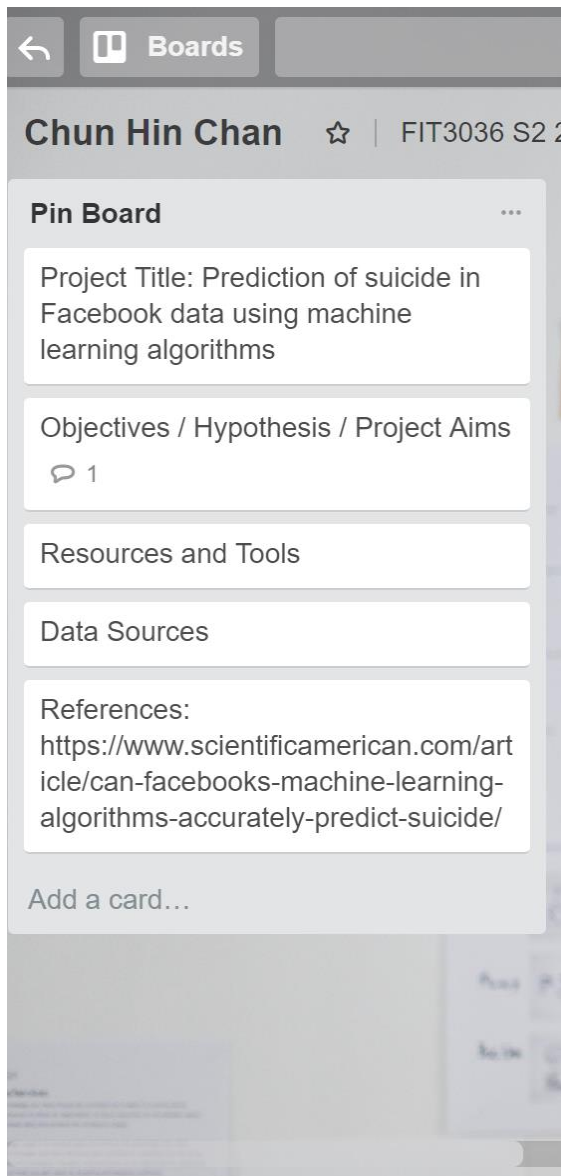
Week 4: Setting the three outcomes of the project

Week 4

in list Done

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RAR **Russel (ABM) Russel**

> @chunhinchan Keep up the good work!

24 Aug at 06:18 - Reply

CC **Chun Hin Chan**

> Three Outputs:
> - extract the keyword related to suicide from the Facebook message and classify the keyword by machine learning algorithms
> - return advice message (with some links or clinician contact details)
> - generate graph on efficiency comparison of different machine learning classifiers (e.g. time, accuracy)

17 Aug at 18:19 (edited) - Edit - Delete

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Week 5: Design the workflow and the system architecture

Week 5

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WhatsApp Image 2017-08-24 at 17.36.53.jpeg
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design and workflow
system architecture
how they are related to each other.

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Week 6: working on the proposal

Week 6

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Working on Proposal

7 Sep at 16:41 - Edit - Delete

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Week 7: Writing the Test plan for the project

Week 7

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> Test Plan
> First target: User Interface model
> Testing: enable button press, valid input and output, extract data from Facebook
>
> Unit testing
> - Input: correct, empty
> - Expected result: pass through the algorithm and return congratulation message
> - Unexpected result: alert message
>
> Performance testing
> - Input: press the button of the options in the menu, functions within the system
> - output: time of running the selected option, time of running the functions, accuracy of each machine learning algorithm should be 70%

7 Sep at 17:35 (edited) - Edit - Delete

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Week 8: The first demo of the project

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Screenshot 3.png
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Screenshot 2.png
Added 16 Sep at 12:38 - Comment - Delete
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Screenshot 1.png
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CC **Chun Hin Chan**

This week finished:
Simple UI design
Option 2 basic function

Next week target:
Extract data from Facebook
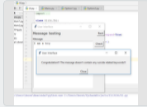Option 1 basic function

16 Sep at 12:37 - Edit - Delete
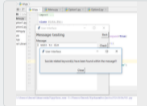
Week 9: The second demo of the project

Week 9

in list Done

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Screenshot 1.png
Added 20 Sep at 22:18 - Comment - Delete
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This week done:
-finish all functions of option 2
-Implement machine learning algorithm in option 2
-Update the validation function of option 2
-Extract comments from Facebook and store as csv file (offline method)

Week 10: The last demo of the project

Week 10   ✕

in list Doing

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     | finalized the program

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Week 11: The first week of presentation

Week 11   ✕

in list To-Do

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     | Preparing presentation ppt
     | start writing test plan and final report

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Week 12: Presentation and finishing the final report and test report

Week 12

in list To-Do

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Presentation
Working on Final report and test report (Final stage)

⋯ Sending… - Edit - Delete

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