On-demand grant 2021/22
On-demand mid-term report 2021/22
Application OD000032021_22 From Mr Sreenivas Sremath Tirumala
Form Submitted 13 Jun 2022, 1:46pm NZST

Instructions

Kia ora. The questions below are to help InternetNZ understand the triumphs and challenges so far in your project.

We want to celebrate your successes and understand the obstacles you have encountered. This will help us all to learn what we could do differently next time.

This form will be placed on our website for transparency.

Please complete and submit this form no later than the date stipulated in your funding agreement. Should you be unable to meet the deadline, contact us to arrange an alternative date, by emailing funding@internetnz.net.nz. You may not be eligible to apply for further grants from InternetNZ if this is not submitted. The completion of this form should be overseen by someone with an intimate knowledge of the funded mahi.

Final project report

* indicates a required field

Initiative title *
Assessing the Impact of Online hate-speech in Aotearoa using sentiment-analysis

Provide a short summary of your progress so far. *
There are three major tasks in the project.

(A) Literature Review

(B) Data Analytics Model - Prototype

(C) Implementation

(A)

The literature review is ongoing. The initial part of the review is collecting authentic and peer-reviewed literature on various methods and approaches used to assess online hate in social media content is completed. At present, the team is under the analysing and documenting the reviews.

(B)

A prototype model using data analytics is being tested and has so far able to identify about 80% of 'hate' contents based on specific keywords. The model uses a classier to segregate 'hate' content into 'low / none' , 'medium' or 'potentially dangerous' content. The Prototype will be submitted to a domestic conference.

(C)

The initial design for an internet browser-based plug-in is initiated.

Apart from this, a comprehensive literature review on peer-reviewed publications on mental health issues related to Christchurch (terrorist act) incident is under progress. This review will collate related online data which is initiated in the second week of May.

Describe the "who, what, where and when" of your initiative.

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Who have you worked?

Mahi is carried out using a team of co-investigators and research assistants.

Dr.Sreenivas Tirumala is the principle investigator.

(1) Dr., Geri Harris & Team:

Dr. Harris has done her PhD in social media data and implications and currently working as a lecture at the Manukua Institute of Technology Limited. Dr. Harris along with a research assistant has predominantly working on literature review. (Part A)

(2) Dr. Sreenivas Tirumala & Team:

Working on data Analytics part along with a student researcher.

(3) Dr. Kaberi & Team:

Dr. Kaberi is working as a Lecturer at School of Health Sciences, Manukua Institute of Technology. Her PhD topic is mental health issues arise based on incidents. Dr. Kaberi become part of the team and started working on mental health incident analysis post Christchurch incident.

Dr. Sreenivas Tirumala is working on implementation and overall coordination of the project including publications and coding.

For example, staff, volunteers, other organisations or support that has been instrumental in this mahi so far.

Describe any changes from the original proposal and the reason the changes were required.

There is one change along data collection. Initially, we planned to collect primary data from the affected community to build a data repository and study impact. However, due to organisational ethics policies and other concerns like individual and social implications, the ethics committee did not approve primary data collection in this particular case.

. Since primary data collection is not possible, the following alternate approaches are adopted.

(1) Collecting information from peer reviewed literature

(2) Analysiing processes and methods used to present observations.

(3) Creating a sample repository and training and testing the artificial intelligence models using the sampled secondary data.

This information may to help inform others undertaking similar work.

Financial report

* indicates a required field

Project income and expenditure

Please provide details of any project income (funds received) and project expenditure (funds spent) to date.

Use the 'Notes' column to provide any additional information you think we should be aware of.

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Income Description	Income type	Confirmed funding?	Income amount ($)	Notes
MIR SRF Funding	Other income	Confirmed *	$11,800.00	This will be spent for the second part of the project
			$	
			$	

Expenditure description	Expenditure type	Expenditure amount ($)	Notes
Teaching Release 1	Other expenditure	$4,208.00	Release of 1 paper for PI
Research Assistant	Salaries and wages	$2,851.20	RA 1
Research Assistant	Salaries and wages	$1,555.20	RA 2
		$	

Income and Expenditure Totals

Total income amount

$11,800.00
This number/amount is calculated.

Total expenditure amount

$8,614.40
This number/amount is calculated.

Income - expenditure

$3,185.60
This number/amount is calculated.

Have you experienced any issues with your intended project budget to date? If so, please explain reasons for any major variances or for providing incomplete information:
None.

Feedback

You are almost at the end of your mid term report. Before submitting, please take a few moments to provide some feedback.

Please indicate how you found the acquittal process:
○ Very easy ◉ Easy ○ Neutral ○ Difficult ○ Very Difficult

How many minutes in total did it take you to complete this form?
46
Estimate in minutes (i.e. 1 hour = 60 minutes)

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Please provide us with your suggestions about any improvements and/or additions to this form that we might consider:

InternetNZ is a membership organisation. Would you be interested in hearing more about becoming a member?
○ Yes please   ○ No thanks   ◉ I am already a member