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Reference No : IP/CR/2018/0402
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2. Funding

No.	Funding Source	Funding Body	FUNDING TYPE	UNIVERSITY REFERENCE NO.	PROJECT LEADER
1	Government	BADAN KAWAL SELIA NEGERI JOHOR	Others	UT.KORP/1.11 Jld. 19 (168)	PROF. MADYA Ir. Dr. Azman Kassim

3. External Collaboration

Has any of this work been carried out elsewhere ? : No

4. Benefit of Copyright

Benefit to society / community

Description of benefit to society / community :
Relevant community for the copyright to be implemented :

Benefit to Industry

Description of benefit to industry :
Relevant industry(s) for the copyright to be commercialized :

5. Copyright

Application Title

SISTEM PEMANTAUAN GEGARAN LOGI RAWATAN AIR GUNUNG PULAI DAMS -SOURCE CODE

Copyright Details

Date Invented : 01-07-2018
Place Invented : Faculty of Civil Engineering UTM
Country of origin : MALAYSIA

Problem Statement

Problem : A water treatment plant is located near the Sultan Ibrahim Reservoir to treat the water from the reservoir before supplying to the consumer. The water treatment plant which were built and managed by the Singapore's Public Utilities Board (PUB) for 50 years was handed over to the Johor State government under management of the SAJ Ranhill Sdn Bhd. The water treatment pond located near to the reservoir. The integrity of the water treatment structure should be checked due to the structure was built over more than 50 years, and moreover after a several cracks were recently observed which may due to the internal and external vibration from the surrounding.

Solution : To provide real time vibration monitoring at the water treatment plant which a part of solution for the assessment on the integrity of the water treatment structure

Copyright Category :

Brief description of the invention

This source code is a a part of data acquisition management system(DAMS) for vibration monitoring in "Program Pemantauan Cerun dan Pemasangan Peralatan Pemantauan Gegaran di Logi Rawatan Air Gunung Pulai" project. The source enable of DAMS provides the real time reports on vibration monitoring at the water treatment plant of Logi Rawatan Air Gunung Pulai.

6. Statutory Declaration

Date of project started : 01 Jun 2018
Date of work completed : 01 Julai 2018

STATUTORY DECLARATION FOR COPYRIGHT

COPYRIGHT ACT 1987

IN THE MATTER of Section 42 of the Copyright Act 1987 (Act 332)

And

In THE MATTER of the copyright in the Work (as hereinafter defined and attached hereto marked as "Exhibit 2", in the name of Universiti Teknologi Malaysia

STATUTORY DECLARATION

I, **ASSOC. PROF. Ts DR. NOOR AZURATI BIN'TI AHMAD @ SALLEH** (NRIC No. **790325-01-5032**) of full age and a Malaysian citizen with an address at Innovation and Commercialisation Centre, Industry Centre, Technovation Park, Universiti Teknologi Malaysia, 81310 Johor Bahru, Malaysia, do hereby solemnly and sincerely declare that the following contents of this notice are true :

1. I am the Director of Innovation and Commercialization Centre, Universiti Teknologi Malaysia (hereinafter referred to as "the University"), a Public University in Malaysia with its address at Innovation and Commercialization Centre, Industry Centre, Technovation Park, Universiti Teknologi Malaysia, 81310 Johor Bahru, Johor, Malaysia.
2. In my aforesaid capacity, I have been duly authorized by the University to make this Statutory Declaration on their behalf. The facts herein contained are, unless to the contrary is stated from any personal knowledge or taken from the record of the University to which I have free and unrestricted access. The facts deposed to herein are true to the best of my knowledge, information and belief.
3. The University is the owner of the copyright of "**SISTEM PEMANTAUAN GEGARAN LOGI RAWATAN AIR GUNUNG PULAI DAMS -SOURCE CODE**" (hereinafter referred to as "the works"). Please refer to Exhibit 2.
4. The contributor(s) who is/are the author(s) of the Work is/are as follows:-
 1. Name : **AZMAN BIN KASSIM**
NRIC No. : **660906106869**
 2. Name : **MUHAMMAD AZRIL BIN HEZMI**
NRIC No. : **790912055223**
 3. Name : **RADZUAN BIN SA'ARI**
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 4. Name : **MUSHAIRRY BIN MUSTAFFAR**
NRIC No. : **620811065391**
 5. Name : **RINI ASNIDA BINTI ABDULLAH**
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 6. Name : **AHMAD SAFUAN BIN A RASHID**
NRIC No. : **810120145197**
 7. Name : **MOHD AZREEN BIN MOHD ARIFFIN**
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 8. Name : **MOHAMMADREZA VAF AEI**
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 11. Name : **IZNI SYAHRIZAL BIN IBRAHIM**
NRIC No. : **750921015649**
 12. Name : **MOHD HANIM BIN OSMAN**
NRIC No. : **590103016017**

Main contributor of the Work must be the employee of the University (hereinafter referred to "the Main Author")

The personal details of the contributor(s) (hereinafter referred to as "the Author(s)") and information of the Work is attached herewith and marks as "Exhibit 1".

5. The Author(s) involved in the development of the Work is as listed in the document annexed as "Exhibit 1", herein and have been involved in the development of the Works for a period commencing from **01 Jun 2018**.

The Works comprises of One (1) document entitled as follows :

- i. "Exhibit 2"

I hereby declare the following:

- ii. on **01 Julai 2018**, copyright subsisted in the Works and continues to subsist;
 - iii. the Author(s) has/have expended sufficient to make the Work original in character;
 - iv. the Work has been reduced to a material form;
- and pursuant to Section 7 of the Copyright Act, 1987, the Work is eligible for copyright protection.

6. I have further been advised and verify believe that as:

- i. The Main Author was at all material times the employee of the University and had developed the Work in the course of his employment with the University; and
- ii. The University is the qualified person within the meaning of Section 10 of the Copyright Act 1987 the copyright in the Work belongs to the University.

7. Therefore I, on behalf of the University, do hereby assert the ownership of the copyright in the Work.

8. The Work was first published on Malaysia on . And I make this solemn declaration conscientiously believing the same to be true and by virtue of Section 42 of the Copyright Act 1987 and the Statutory Declaration Act 1980.

And I make this solemn declaration conscientiously believing the same to be true and by virtue of Section 42 of the Copyright Act 1987 and the Statutory Declaration Act 1980.

SUBSCRIBED and SOLEMNLY DECLARED }

By Name : **ASSOC. PROF. Ts DR. NOOR AZURATI BINTI AHMAD @ SALLEH** }

NRIC No. : **790325-01-5032** }

at Johor Bahru }

On this day of, }

Before me,

Commissioner of Oaths

Affixed Seal and Date

7. Applicant Declaration

The information which is provided on this form will be used by the University to access the ownership of the intellectual property rights, potential third party claims to those rights and obligations to external sponsors. Incorrect or incomplete detail could lead, the reduction or loss of commercialization revenues, or the invalidation of patent applications.

I declare that the information which I have provided in this form is, to the best of my knowledge and belief, correct and complete and that the contributors named are all the original creators of this invention/design. I also agree to cooperate in seeking or other legal protection in the name of University/Institution and in the commercialization of this invention/design. I also confirm that I have notified the University/Institution of any conflict of interest which may exist in relation to the invention.

eSubmit status : **:- agree for submission -**
Name of Inventor/Originator/Co-inventor : **AZMAN BIN KASSIM**
Category : **Main Inventor / Main Originator**
Approximate % Contribution : **12 %**
Acceptance Date : **10-10-2018**

eSubmit status : **:- agree for submission -**
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Approximate % Contribution : **8 %**
Acceptance Date : **10-09-2018**

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