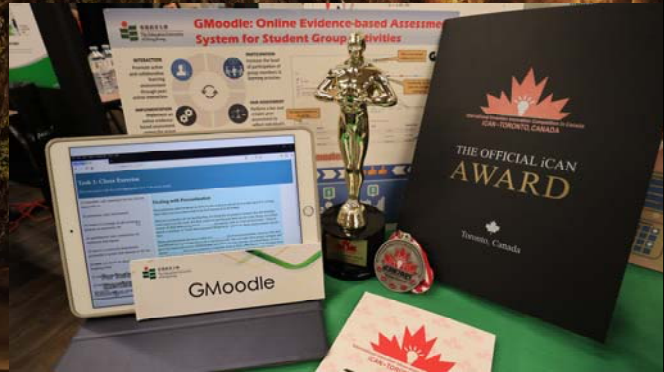


GMoodle:

Online Evidence-based Assessment System for Student Group Activities

Speaker: Lam Wai Man, Winnie



- *Silver Medal*
- *Special Award*

BACKGROUND



TDG 2018/19 Specific theme: Assessment

Period: July 2018 – June 2019 (12 months)

Issues of group assessment:

- Low level of individual responsibility in group (Summer, 2016)
- Diffusion of responsibility in groups
- Bias in peer review (Ashenafi, 2015; Dochy et al., 2006; Topping, 2005; Falchikov & Goldfinch, 2000)
- Teachers are difficult to know the progress of each group/ student

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OBJECTIVES

INTERACTION
Promote active and collaborative learning environment through peer online interaction



PARTICIPATION
Increase the level of participation of group members in learning activities



IMPLEMENTATION
Implement an online evidence-based assessment system for group projects and activities



FAIR ASSESSMENT
Perform a fair and reliable peer assessment to reflect individual's contribution within a group



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PROJECT TEAM MEMBERS

Principal Project Supervisor:

Dr. Lam Wai Man Winnie / Lecturer I



Co-supervisors:

1. Dr. Cheng Kwok Shing Gary/ Associate Professor
2. Dr. Lai Yiu Chi/ Associate Professor
3. Dr. Xie Haoran/ Assistant Professor
4. Mr. Chui Hin Leung Mike/ Lecturer I
5. Dr. So Chi Fuk Henry/ Lecturer I
6. Dr. Ling Man Ho Alpha/ Assistant Professor
7. Dr. Song Yanjie/ Assistant Professor
8. Dr. Poon Kin Man Leonard/ Assistant Professor
9. Yung Chi Hoi/ BEd(S)-ICT student
10. Wong Ming Ho Justin Dominick/ BEd(S)-ICT student
11. Yeung Wing Ho/ BEd(S)-ICT student

Research Assistants:

1. Liu Chun Yin Chris/ CUHK
2. Lo Kai Hong Issac/ EdUHK Graduate
3. Lai Mincong Louis/ EdUHK Graduate

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PROJECT SCHEDULE

July 2018 – June 2019 (12 months)

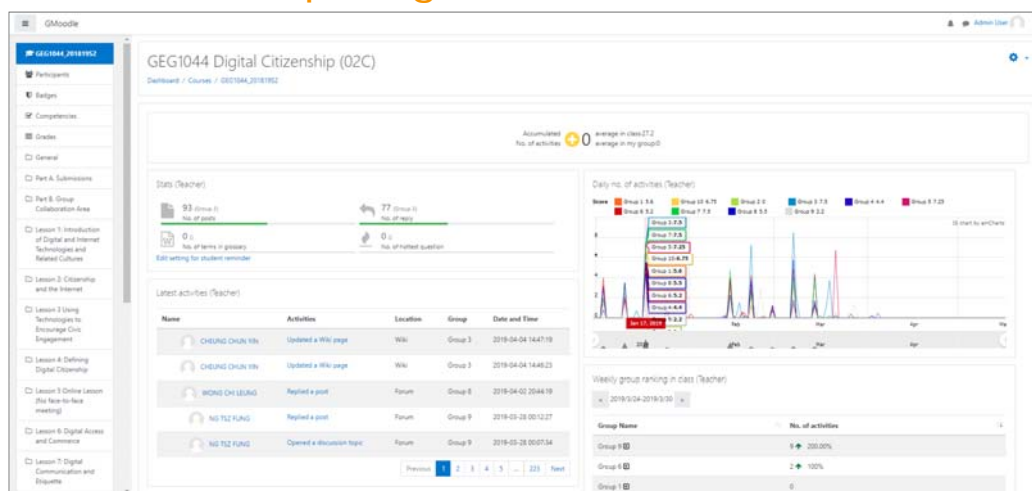


Period (MM/YY)	Work plan / Activities
07/18 – 09/18	<ul style="list-style-type: none"> - Design and Construct the Online Evidence-based Assessment System - Prepare survey questions for pre/post test - Provide training workshop for the involved teachers
09/18 – 11/18	Phase I Testing: Use the Online Evidence-based Assessment System in 5 courses
12/18	Collect feedback from Phase I - Fine tune the system
01/19 – 05/19	Phase II Testing: Use the revised system in 4 courses
05/19 – 07/19	<ul style="list-style-type: none"> - Perform data analysis with the activity log data - Focus group interviews with students for investigating the effectiveness of the system - Collect sample course plans from teachers for the sharing session - Prepare conference paper to report the result
05/19 – 08/19	Sharing sessions

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GMoodle

<https://gmoodle.eduhk.hk>



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The screenshot shows the GMoodle dashboard with several callouts:

- Accumulated Collaborative Score:** A callout points to the score '5' and the text 'average in my group: 7.5', stating 'This is my current collaborative score.'
- Stats:** A callout points to the 'No. of posts' (1), 'No. of reply' (5), 'No. of terms in glossary' (2), and 'No. of hottest question' (3), stating 'The number of activities that I have completed.'
- Daily collaborative score:** A callout points to the line graph comparing 'Average in class', 'Average in group', and 'My score', stating 'Comparing my score with the average in class/group.'
- Latest activities:** A callout points to the table of recent activities, stating 'The latest activities in my group.'
- Weekly ranking in group:** A callout points to the ranking table, stating 'My rank this week.'

GMoodle vs. Moodle

	<u>GMoodle</u>	<u>Moodle @ EdUHK</u>
Common activities: <ul style="list-style-type: none"> Assignment, Chat, Choice, Database, Feedback, Forum, Glossary, Group choice, Lesson, Quiz, SCORM package, Survey, Wiki, Workshop 	✓	✓
Wiki with individual contribution %	✓	✗
Progress report (individual and group)	✓	✗ (not easy to read)
Turnitin assignment	✗ (pilot)	✓
EdUHK login	✗ (pilot)	✓

FEEDBACK FROM FOCUS GROUP INTERVIEW

STUDENTS' PERSPECTIVE

Understand the progress of oneself and group mates



Consolidate information and share ideas easily

Identify free-riders

Motivate students' learning

20/3 Free rider (3:21-4:06)
19/3 11.24 GMoodle vs. Moodle (12:13-13:32)

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THANK YOU

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