

Improving Peer Assessment in Group-based Exercises

Aim of Project

To alleviate the headache of peer assessment for both students and staff by producing an online system to improve the process

Definition of Problem

- Group discussions often break down into shouting battles or students rarely receive constructive feedback from peers due to fear of offending
- Alternative option of all team members submitting scores individually creates lots of work for module leader who must collate all data, calculate averages and sometimes solve disputes
- When students receive their scores they have little idea as to why they may have been marked down; leads to loss of confidence in themselves and the system

Benefits of New System

For Students

- Simple interface to allocate contribution scores to teammates
- Can receive anonymous feedback in two categories of their choice (e.g. Technical Input and Leadership)
- Can give and receive anonymous constructive feedback about rationale behind decision for marking
- One website for all team project modules the student is a part of

Your Feedback

Contribution

Your average score was 30

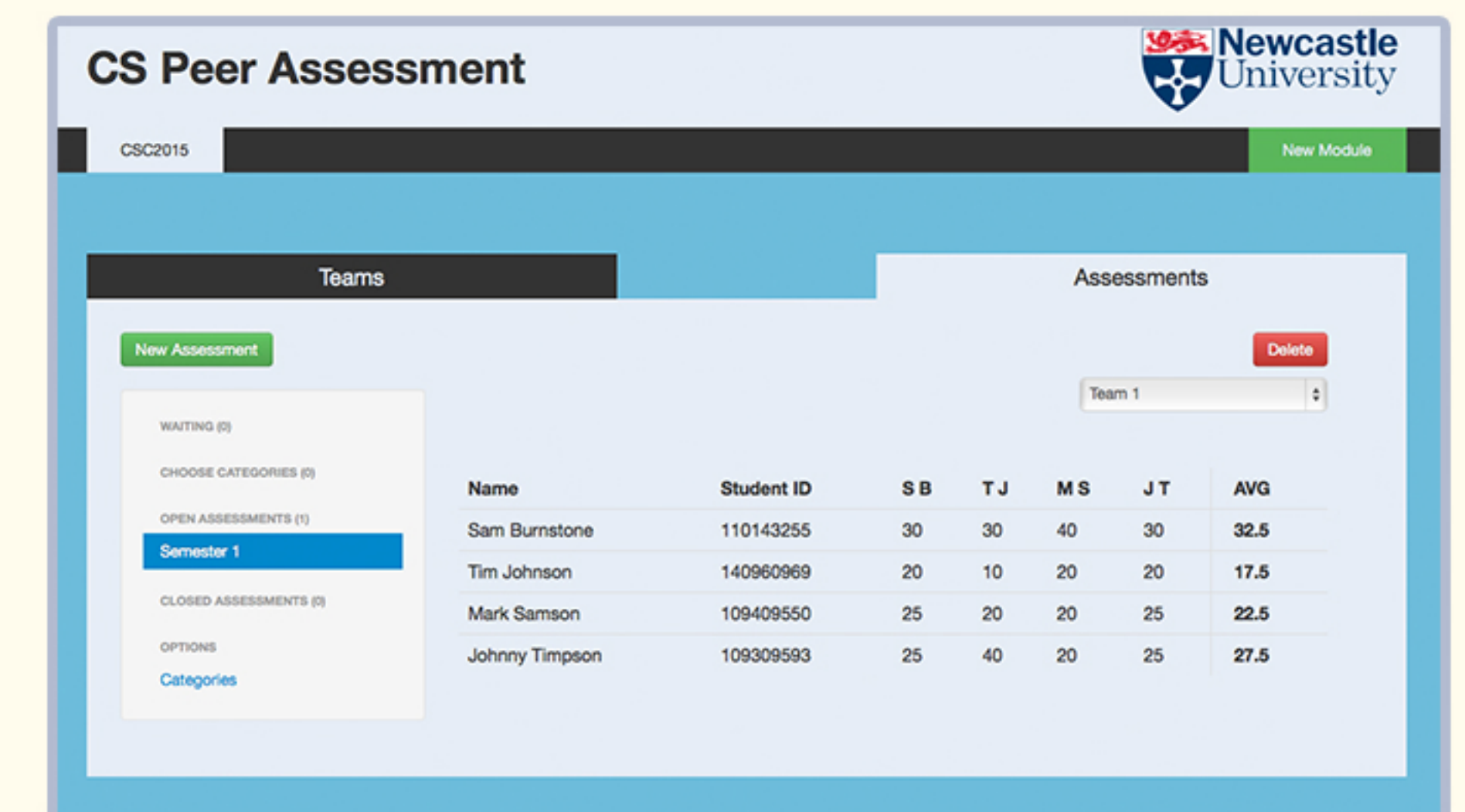
Categories

Category	Average Score
Organisation	3
Technical Input	5

Constructive Review

- Was a little bit lazy - could of been more punctual

For Staff



CS Peer Assessment

Name	Student ID	S B	T J	M S	J T	AVG
Sam Burnstone	110143255	30	30	40	30	32.5
Tim Johnson	140960969	20	10	20	20	17.5
Mark Samson	109409550	25	20	20	25	22.5
Johnny Timpson	109309593	25	40	20	25	27.5

- Clear, readable table is generated and populated with scores submitted by team members along with average of marks
- Staff can view all team-based modules they lead all in one place
- Easy addition/deletion of teams/students/assessments

Future Development

- In trial with CS students this academic year
- Could be offered to other departments within the university or released as open source