# Chemistry in Computer Science: (CHiCS) A Cross-Institutional Collaboration Dr Linnea Soler and Dr Smita Odedra

## OUR NIGHTMAREDetermination of Degree Results

- Time-consuming & cumbersome process
- Different degree requirements
  - E.g Course weightings
- Data collation of several years
- Good Cause & Discretionary Zone
- MyCampus interface (Import & Export)
- Complicated Spreadsheets
- Stressful and traumatic experience



University of Glasgow Learning & Teaching Conference 25 August 2020

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### **OUR DREAM-**

A database for preparation & publication of Degree Results

- Flexible
- Modifiable
- Interactive
- Secure
  - Easy to Use
  - Compliant with MyCampus (Import & Export)
  - Transferable (Cross-Institutional applicability)

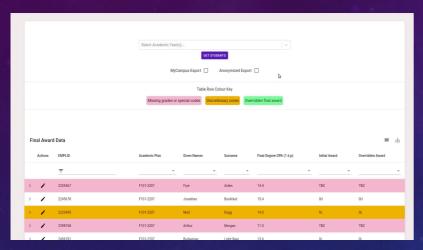


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### The Power of Computer Science Software Teams Project:

- Two teams of students tasked with same objectives
- Creativity in problem solving process leads to different outputs

#### Team Hydrogen:



#### **CHICS**

Chemistry in Computer Science Group

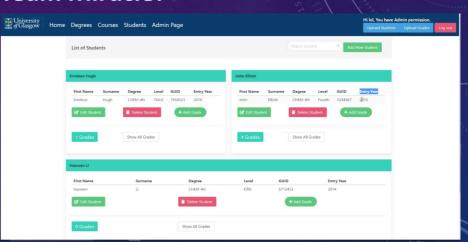
Dr Linnea Soler and Dr Smita Odedra

School of Chemistry, UofGlasgow





#### Team Miracle:



#### CS TEAMS Projects: Dr Tim Storer

#### **Team Hydrogen:**

- Kevin Lynch
- Raghad Abdul Rab
- Mihnea Maldaianu
- Aiden Meikle
- Mohammed Usman Majid

#### **Team Miracle:**

- Nikol Genkovska
- Hakan Erkol
- Haowen Li
- Shengxian Liu
- Kieran Swedlund