THE UNIVERSITY OF MELBOURNE

Shengqi Ma <shengqim@student.unimelb.edu.au>

Re: COMP90082 FA-Bluering Meeting Reschedule

Nir Lipovetzky <nir.lipovetzky@unimelb.edu.au>   Thu, Jun 8, 2023 at 10:03 AM
To: Shengqi Ma <shengqim@student.unimelb.edu.au>
Cc: Dylan Paul Lynton <dlynton@student.unimelb.edu.au>, Victoria Deng <dengv@student.unimelb.edu.au>, Mylan Hocknin Li <mylanl@student.unimelb.edu.au>, Xingjian Zhang <xingjian@student.unimelb.edu.au>

The integration of the e-nose sensor with the farm.bot will enable the development of low-cost sensors to monitor plants' physiology and perform pest detection. This integration is key to enabling large data acquisition with replicable experiments. It will be the foundation to enable a large number of projects for future students and researchers interested in the intersection of Artificial Intelligence and Agriculture. The quality of the product delivered is outstanding, it consists of a 3D CAD waterproof e-nose encasing that can be picked and dropped by the gantry tooltip; a dedicated Raspberry Pi to synchronise the e-nose readings with the main farm.bot control and monitoring web app; and a power converter to supply the required energy to both the e-nose and Raspberry py from the main farm.bot board. The successful development of this product clearly shows the expertise of the Engineering students behind it, with broad knowledge across several disciplines.

Kind regards,

Nir

On Thu, Jun 8, 2023 at 8:00 AM Shengqi Ma <shengqim@student.unimelb.edu.au> wrote:
> Dear Professor Nir,
>
> The testimony is just about the product, thank you for your time.
>
> Best regards
> Team FA-Bluering
> [Quoted text hidden]
[Quoted text hidden]