Track your IOU's online

**What is IOU?**

The IOU site is designed for users to log IOU's, or expenses, owed to them by their friends as they occur. The purpose of IOU is to track expenses online, using either computer or mobile devices. The interface is designed with accessibility and readability in mind, even on a small screen. The user is able to quickly locate and access the functionality they want.

**Technical Aspects**

IOU was developed using a combination of Python, Django, and HTML as the primary coding languages.

The Django code was written within the PyCharm Integrated Development Environment, which provided a complete set of tools for professional and productive development with Python programming language, within the Django framework.

The front-end framework, Bootstrap, enabled the expeditious development of the GUI elements and structure that make up the IOU interface.

An integrated set of Django applications from GitHub, such as socialauth, are integrated into IOU, to provide social networking integration.

Django-gravatar makes it easy to add Gravatar support to IOU.

Django application through the addition of a template tag.

**IOU Achievements**

IOU track provides a highly accessible web environment, in which real life friends are able to record and track IOU's between one another. IOU realizes a range of benefits including:

- The traditional IOU post-it notes are rendered redundant, as members are able to quickly and easily record and view IOU's on the go, with access to extended features including proof of purchase supplement.
- IOU provides an environment for customised social group modelling, enabling real life social groups to be represented with group-specific information.
- IOU can integrate with a member's Twitter account, enabling access to additional features such as optional Twitter posting.
- Email notifications may be enabled, to track activity and prompt user responses from outside the IOU Web application.
- Two specific interface modes are provided to support both account administration and on-the-go tracking and logging of IOU's.

**The Team**

Left to right: Jia-Senn, Steven, Cheng, Hao-Ho, Perry, Soo Wing, Huey Hyoung, Rodney, Timmy, Jake, McKinnon, Brendan, Chandra, Cheong, Lue, Yen Sent, Chen.

Ionata Web Solutions is a web design agency that works with many Tasmanian companies and organisations developing and improving their websites and web applications. Ionata also works on developing web solutions specifically for uses in the marketplace.