TITLE

TRIBE PRODUCT PROPOSAL

TRIBE INFORMATION

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| --- | --- |
| **Tribe Leader Name:** | Scott Barnett |
| **Email Address:** | [scott.barnett@deakin.edu.au](mailto:scott.barnett@deakin.edu.au) |
| **Phone Number:** |  |

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| --- | --- |
| **Product Owner:** | Surround Development Team ([Key industry/research sponsor of this Tribe. Product Owner(s) are either companies, research partners or both who have committed to a long term collaboration and sponsorship of this project] |
| **Product Owner Contact:** | * Nikhil Bhat * Akshat Bajaj * Stefanus Kurniawan |
| **Email Address:** |  |
| **Phone Numbers:** |  |
| **Product Owner Class:** | Start-up  SME  Enterprise  Research Centre  NGO |
| **Business Domain:** | Machine Learning, Education, Research |

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| **Update Frequency:** | Fortnightly |
| **Preferred Meeting Method:** | Online and In Person |
| **Availability:** | By negotiation |

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| Title: | Surround | | | |
| Aims: | Provide a framework to help Data Scientists and Software Engineers build and deploy AI products. | | | |
| Description: | [Provide some background information for the product.] | | | |
| Deliverables: | [Please identify up to 4 deliverables that can be assigned to a Tribe over a 12 week period with a reasonable expectation for completion by students. Please number your deliverables based on priority or preference. Please define each deliverable with detailed requirements. ]  Deliverable 1: Build examples of using Surround on a machine learning project. Write a blog post describing the problem and how Surround helped.  Deliverable 2: Build adapters to integrate Surround with machine learning tools and frameworks i.e. Tensorflow and SageMaker.  Deliverable 3: Develop a static website with guides for getting started and simple examples using Surround.  Deliverable 4: Improve robustness by developing a suite of unit tests for the core Surround functionality. | | | |
| Technical/Professional Skills Required:  List the skills that the squad members should have so that they can successfully complete the deliverables. | Role | Number required | Skills | Proficiency |
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| Available Resources: | * Code repository for Surround | | | |
| Stakeholders: | * See list in Product Owners | | | |
| Potential Industry Engagement Partners | * Currently in use at the Applied Artificial Intelligence Institute in a range of projects. * Keen to collaborate with industry partners | | | |
| Dependencies: | Depends on deployment | | | |
| Additional Information: | [Any extra information about the project.] | | | |

**Are there future opportunities? (E.g. employment, projects, internships, contract work.)**

Yes  No