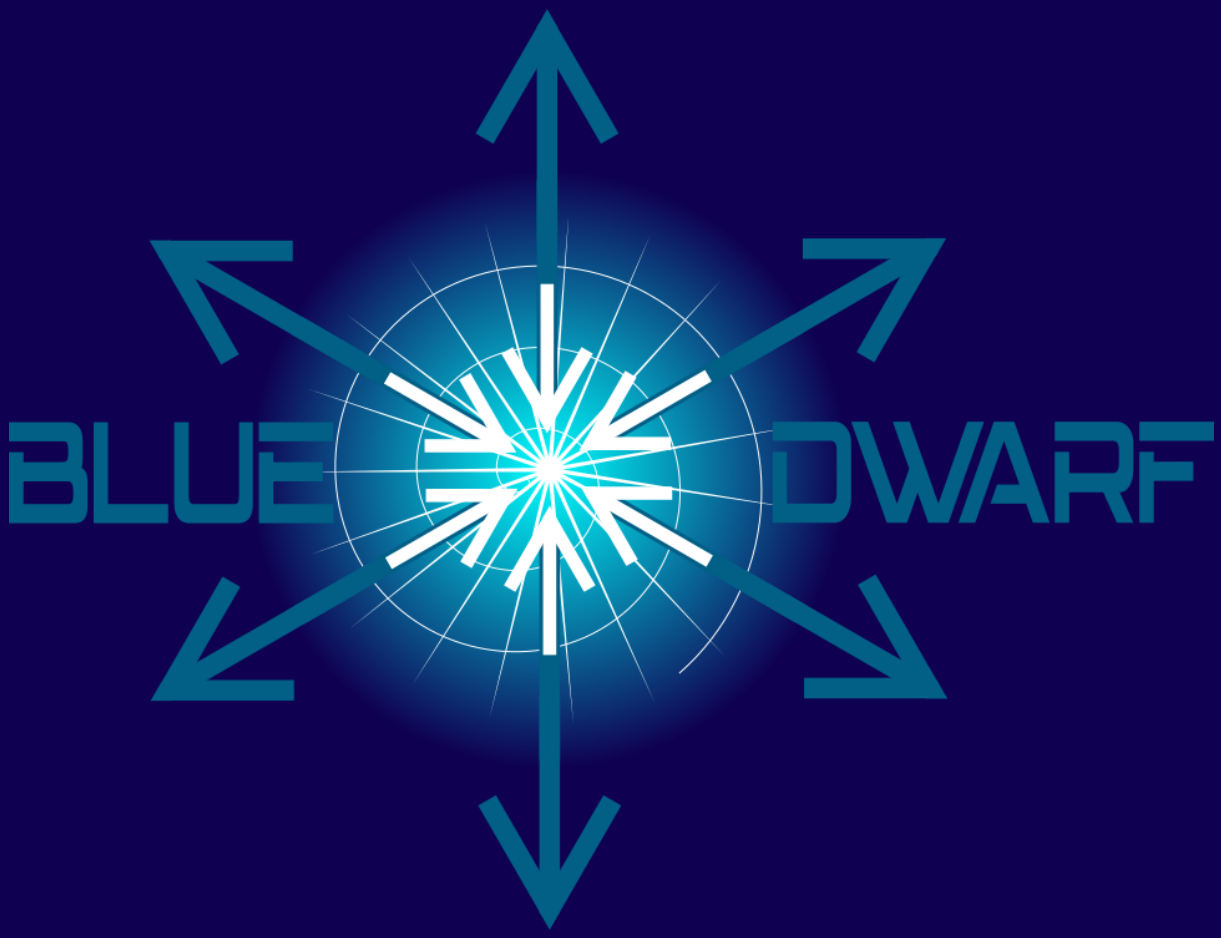


An automated permit application system for space activities.

Contents

The project 3
- The problem 3
- The vision 3
- The plan 3
- The inspiration 4
- The future 4
- The name 4
- The logo 4

The team 5
- Derek James 5
- Kelly Yeoh 5
- Ashley Simmonds 5

The project

The problem

The current system requires proof of statutory and regulatory compliance from potentially many sources, prior to being able to apply for a permit to perform space activities. Each of these compliances requires its own application to a company or agency in order to gain the certificate of compliance, creating time-consuming and repetitive "busy work" as a pre-condition to the real goal.

The vision

We seek to provide a single point of contact, and a single entry of data, in order to simplify processes. We will automate the process of applying for, and collating, each of these certificates of compliance, and once all requirements are in place we will submit the application for a permit to perform space activities on behalf of our clients.

The plan

We will work with the space sector to understand what space-related activities they wish to perform.

We will work with local, national and international government, agencies and corporations to understand statutory and regulatory compliance requirements to perform those activities.

We will work with companies and agencies to create preferred supplier chains for the purpose of gaining certificates of compliance, and work with them to fine-tune exactly what information they need.

Utilising these requirements, we will design a system that will allow the creation of a specific project (or activity), and generate a list of all data required in order to gain the required approvals to perform the activity. We will present our clients with a series of specifically designed forms to simplify those data requirements, offering a single point of data entry and no repetition of same information. Much of the data can be pre-filled with existing client information for any subsequent permit applications, with only project-specific data being required.

The captured data will be used to populate forms in whichever format is required by our preferred suppliers, or (if available) we can port data directly to them in whichever format their system requires. We can work with these suppliers to ensure that they always get exactly the data that they need, and that we keep up with any changes to requirements based on changes to legal or company requirements, and ensure minimal disruption to our clients.

Once we have been furnished with all relevant compliances we will use these to generate the application for the permit to perform the space activity. We send the client the permit once it has been approved.

Our system will allow our clients to be notified about the process as much as they wish, or they will be able to log in and check on the status of their application at any time. We will keep downloadable versions of all application forms and certificates, and our clients will have access to these at any time.

The inspiration

There are many companies and agencies around the world today who provide a service for tracking and maintaining corporate statutory and regulatory requirements and compliance within a given industry. For example, within the building industry in Australia, companies are required to maintain compliances to perform government works, and those compliances are maintained by a central system which works with those companies to ensure all compliances are up to date, then gives them the required permission to perform the given works.

These systems can also be very clunky and time-consuming, and are human-driven, often with status trackers that are frequently updated with requests for further information. Our vision is a few steps removed from this system, and we plan to automate the process as much as possible, removing information oversights and any requirement for continuous back and forth data requests. As we are not providing certification, we do not bare risk for compliance and we will not need to maintain the insurances required for such activities; we will be a go-between data repository to simplify the relationship between our client and certifiers. If we can perfect the actual data requirements, and ensure all parties have exactly what they need to perform the next steps, we can reduce a great deal of complexity, frustration, and person-hours, without greatly increasing our own risk-profile.

The future

We would like to work with preferred suppliers to further automate the relationship between our systems and theirs, whether by working with them to gain access to their exportable APIs so that we can directly feed their system with pre-configured data, or by providing a design and implementation service to (as much as possible) automate their own offerings and provide that access for a direct data feed.

We plan to make our system as modular as possible so that we can essentially "plug'n'play" requirements to ensure compatibility with internationally-based companies and space activities, with hopes to eventually expand to the international arena.

We would also consider expanding legal offerings as we gain a deeper understanding of requirements within the space sector.

We plan to become involved in policy discussions and consultation to help steer the future direction of laws related to space activities here in Australia. We maintain a strong desire to be instrumental in assisting our local space sector reach the correct balance between regulation and innovation in order to best encourage growth while discouraging bad actors. We are all excited by technology and possibility, and look forward to getting involved.

The name

A blue dwarf is a hypothesized star, predicted to exist in the future. Like us! We figured that the service we propose will be required, will be valuable, and some variation of it will eventually come into existence, and so it might as well be us that does it!

The logo

Our logo was designed and created by Alyssa Yeoh, our resident teenage artist. The design depicts the energy exchanges occurring within a star, and also the information inputs and outputs within our company. The six axis depict the three founders of the company, and the three children we have between us. The spiral intertwines and connects all of the components.

The team

We are a small team of highly motivated individuals, with a shared love of space and a core skill group that stands us in good stead to understand and successfully implement the technology surrounding any statutory and regulatory requirements to perform space activities.

We are based in Adelaide and Naracoorte, and will seek to recruit local talent in metro and regional South Australia as the business expands.

Derek James

Chief Executive Officer

Derek carries many years experience at the helm of his own company within the construction industry, and is the business brains of the operation. Derek is an elected councillor within the Naracoorte Lucindale Council, and has been instrumental in many successful projects being brought to fruition. Derek has a passion for politics, people, StarCraft, and space.

Kelly Yeoh

Chief Operating Officer

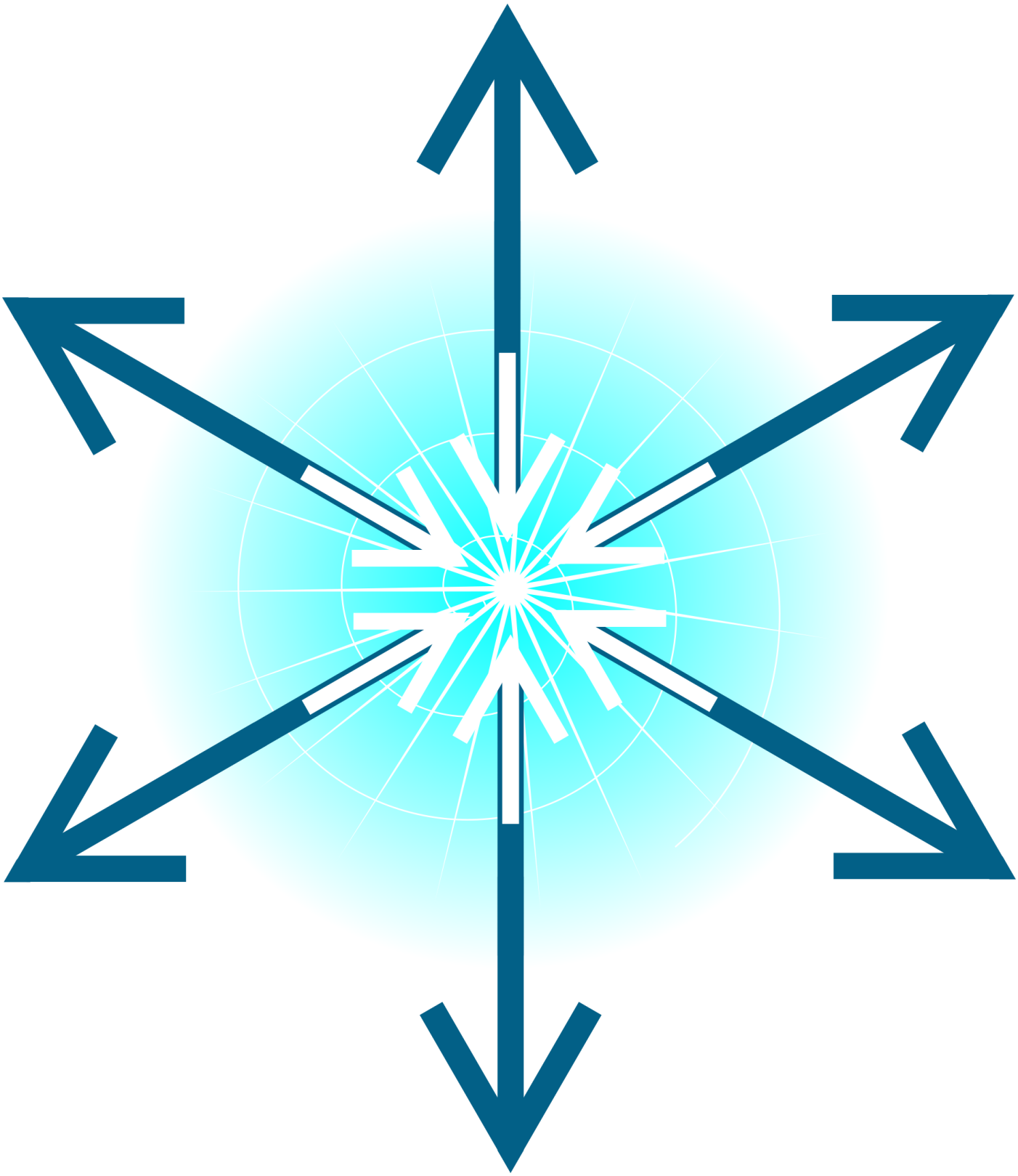
Kelly has close to twenty years experience in application and operating system development, data design, systems analysis, usability psychology/engineering, and technology education design and delivery, recently moving away from technical work and into its periphery in law. Kelly holds masters level qualifications in both computer science and law, and a talent for converting small ideas into workable projects. Kelly is the "what" behind Blue Dwarf

Ashley Simmonds

Chief Technical Officer

Ash has over twenty years experience in full-stack agile development and systems architecture across a range of technologies and industries including health, energy, government, finance, recruitment, professional services, retail, entrepreneurship, and more. Ash is an accomplished author, researcher, and science writer. Ash is the "how" behind Blue Dwarf.

Between us, we feel confident that we are the right team to bring this project to fruition.



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