

PinkBird

- • HQ: Brisbane, Australia
- • Locations: Australia, New Zealand, Japan, Korea
- • Founded: 2009
- • Number of employees: 2500
- • Industry: Tax, Financial Services

PinkBird started out as a small business that helped startup companies manage their finances and become more tax-efficient. They have grown significantly since 2009 and they now provide a whole range of services to startup companies, including:

- • Incorporation of a business
- • Management of tax
- • R&D grants and funding
- • Financial advisory
- • And more...

Their ambition is to be the number one financial services provider to startup companies within

Australia and South East Asia.

Requirements

PinkBird wants to build a web application (accessible through a web browser only, not a native mobile app) for R&D grant applications. They currently work with clients on this topic by asking clients, who approach them, to complete and manage the lifecycle of an R&D grant application. This is a manual and repetitive process.

They want to build a web application that can be integrated into their existing website, whilst being its own isolated, independent system. However, this system should be open and should provide services as API endpoints with authentication implemented. Furthermore, each aspect of the system should be developed in a modular way, where different teams can all contribute to different features at once whilst not affecting each other's work.

They also want the data from this system to be stored in a reliable document store database since they make use of these databases across their landscape.

The web application should start with a simple questionnaire, where the user answers a few simple questions about their application. Based on their answers, we want to use NLP and machine learning to mine the text from their answers and provide a response to the user.

The response should include:

- • Whether their application is eligible for any of the current grants which are available
 - • If so, what they need to do to prepare for this grant and how they can start working with us straight away
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- If not, what they are missing from their application to deem it “ready” (whitespace analysis)

When they elect to proceed with an application, this should create a log within our main grant application database and also raise a ticket for someone to respond to and get in touch with the client before starting the application.

Finally, the web application should be built using React and any services that are needed should be based on AWS.