



Project Name: Pure Guard

Submitted to: VF! – Jeffrey Walsh

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## INTRODUCTION

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First of all, we would like to thank you. We are honored to be considered for this project and really look forward to partnering together. It is no small task to choose a software development partner and we do not take that trust or relationship lightly.

Every project we take on is important and very personal to us. Your project and its completion reflect what your goals and values are and how well our team at Dankospark could accomplish them. We hope you enjoy your experience working with us.

Sincerely,

The Dankospark team

## PROJECT SUMMARY

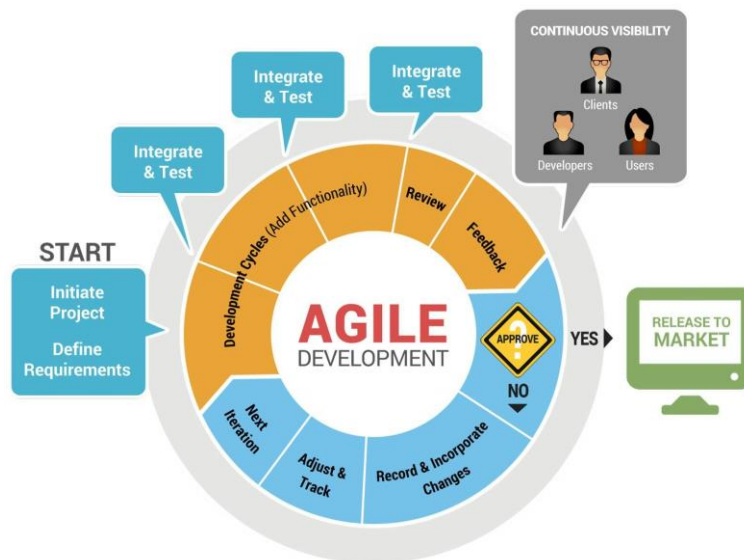
The client requires an MVP for a Covid record keeping / validation platform. This platform will be built initially as a responsive web application.

Success metrics:

- Be able to upload and validate a covid self-test.
- Via machine learning, using the Unleash live platform, be able to validate a test and extract key information from the test.
- View test archive.
- Upload vaccine proof.

## DEVELOPMENT PROCESS

Dankospark adheres to Agile Development methodologies. Agile development methodologies enable you to receive the latest prototype from our team regularly. In this way, the development of the application never gets too far ahead of itself without client input.



## ASSUMPTIONS

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- The MVP will be limited to only the *conduct a test* functionality at the 15 December 2021 deadline.
- Dankospark will add the *test archive* and *upload vaccine proof* as a stretch goal, delivering the functionality as and when they become available.
- Azure infrastructure will be used for the sake of expediency and familiarity.

## DISCOVERY

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Collection and organization of all relevant assets, requirements and details is necessary to create a functional project definition and establish all necessary elements to be included within site design. Spec out and define all details of all content not yet finalized.

- Define business goals and requirements. Determine what is physically required to aid in resolution of the presented problem
- Document required functionality
- Determine final User Experience
- Technical Planning
  - Before development begins, we will discuss and define the specifications for the project. During this phase, we will highlight technological challenges, potential third-party solutions, and test cases.
- Resource allocation

## PROJECT MANAGEMENT

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Dankospark will be your guide. We are invested in your success and we use industry proven tools and processes to ensure that your project will run smoothly.

- Oversee process for all aspects of the project
- Facilitate client communication

## DEVELOPMENT

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Development is the construction phase of the project. It typically is where the most effort is spent. We will build the foundation any Application programming interfaces (APIs) needed and the user interface for the project.

- Develop necessary user interface functionality to support design
- Construct or implement application architecture
- Build any necessary APIs or middle tier application components
- Implement or configure any 3rd party services needed
- Implement or configure databases

- Build necessary application tiers required for application to function

## PRODUCT RELEASES

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Product release will happen when both parties have agreed the application is ready for publishing to a live server, app store, or other production-ready environment

## FEATURE MATRIX

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	Feature Request	Dankospark Response
1	Initial setup and scaffolding	
A	Conduct a test	<ul style="list-style-type: none"> <li>• SMS code validation</li> <li>• Upload of images should have some level of compression. Keeping in mind the quality needed for unleased live to work effectively.</li> <li>• Images will be stored in storage containers, only accessible through the API.</li> <li>• A mask will be considered to limit the image area to only the test, with no background noise.</li> </ul>
B	Certificate Generation	<ul style="list-style-type: none"> <li>• PDF certificate with test details and verification QR code.</li> </ul>
C	Test Archive	<ul style="list-style-type: none"> <li>• Test archive will contain a list of previous tests, with the possibility to view images, download the certificate.</li> </ul>
D	Upload vaccine proof	<ul style="list-style-type: none"> <li>• Upload will use the same functionality as the image upload for the test, with a different result. Saved in same account, perhaps within a different container.</li> </ul>
E	User profile	<ul style="list-style-type: none"> <li>• Standard personal information as in Figma prototype.</li> </ul>
F	Other screens and functionality	<ul style="list-style-type: none"> <li>• Support queries.</li> <li>• Removal of account and data.</li> <li>• Payment Details</li> </ul>

## SCHEDULE AND COSTS

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Phase	Duration	Cost
Discovery		
Requirements mining, meetings.	1 business days	R6800
Development		
Initial setup and scaffolding	2 business days	R13 600
Conduct a test	12 business days	R81 000
Certificate generation	2 business days	R13 600
Test Archive	3 business days	R20 400
Upload vaccine proof	2 business days	R13 600
User profile	1 business day	R6 800
Other screens	7 business days	R47 600
<b>Total</b>	<b>30 business days</b>	<b>R204 000</b>

## ESTIMATED COMPENSATION R204 000

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Invoices are sent monthly for services delivered in the previous month. Services are charged at R850 per hour excluding VAT.

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### WARRANTY

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Dankospark PTY LTD will provide a 30-day warranty for bug fixes after project launch if VF! is current with payment.

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### TERMINATION

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VF! may cancel this support agreement at any time, by providing one month's written notice either electronically or in writing, provided that payment is up to date.

Dankospark PTY LTD. reserves the right to cancel this support agreement at any time, for any reason by providing one month's written notice either electronically or in writing sent to the address of record.

## REACCURING COSTS

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For user account after MVP