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# **Corporate Overview**

### **Capital Structure**

Ticker	ASX:MYQ
Share Price (as at 22 September 2017)	\$0.05
Basic Shares Outstanding <sup>1</sup> Market	79.04m
Capitalisation	\$3.95m
Debt	\$0.00
Enterprise Valuation	\$1.95m

### **Funds Outstanding & Available**

Body Composition Technologies	\$1.5m
R & D reimbursement <sup>2</sup>	\$0.54m
Convertible Note facility	\$2.0m

#### Notes:

- (1) Does not include 15m Class A performance rights, 15m Class B performance rights; 12.5m performance rights expiring on various dates; and 9m options with various expiry dates and prices.
- (2) Estimate only, R&D reimbursement application subject to submission / approval.

### **Share Holder Breakdown**

287 Share holders

Top 10 Share Holders hold 52.5% of the shares on issue

Top 20 Share Holders hold 72.5% of the shares on issue



# The MyFiziq Team



Vlado Bosanac Co-Founder & CEO

- Entrepreneur, advisor and business consultant
- ➤ 20+ years venture capital and corporate advisory experience



**Dr Katherine Iscoe**Co-Founder

- Exercise physiologist and weight loss specialist
- MD of sub-brand "Dr Katherine"
- ▶ BA, MSc, PhD



Terence Stupple
Chief Technology Officer

- Digital solutions expert with experience at large multinational companies
- Skilled in strategic planning
- Extensive knowledge of web technologies



**Dr Amar El-Sallam**Snr Technology Engineer

- 17+ years experience in signal and image processing, computer vision and biometrics
- ▶ BSc, MSc, PhD

### Supported by:

- ▶ Phillip Cooper, Senior App Developer
- ► Luke Cleland, Senior Cloud Developer
- ► Adam He Xiao, App Developer
- ► Artur Lohrer, Machine Learning Expert

# **MyFiziq Overview**

### A revolutionary mobile solution to accurately measure the body and track progress over time

- ▶ Simple and fast intuitive on-screen instructions with rapid avatar creation via the cloud
- ► Accurate body measurements including chest, waist, hips and thigh, to 97% accuracy
- ➤ Superior solution multiple advantages as a standalone or complementary measurement tool
- ▶ Privacy guaranteed all images encrypted for user privacy
- ▶ Track progress over time data and image storage for historical comparisons
- ▶ Mobility and convenience mobile technology in the privacy of your own home
- ▶ Integration —potential to combine with data feeds from other exercise/nutrition apps
- ► Low cost market access rapid penetration through a "business to business to consumer model" (B2B2C) allowing licensing or white label for clients to market MYQ directly to their customers
- ► Affordable subscription models tailored for clients and partners business needs
- ► Cross platform available on Apple iOS with plans for Android can be rolled out in global markets
- ▶ Patent protection multiple patent applications pending for business use
- ▶ Scalability and speed runs on Amazon Web Services (AWS) to ensure speed, security and scalability
- ► Cloud environment AWS Lambda current state allows up to 10 million+ users per B2B account and a delivery time per avatar of less than 80 seconds



## **Current Avatar Creation**

## Requires 2 people to create a 3D avatar

Circumference Measurements:

1. Chest

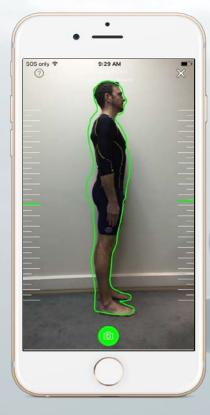
Waist
 Hips
 Mid Thigh





Ensure your body is inside the contour.

2 Side Photo



The imagewill highlight green when properly aligned.



2 mins

Wait while the magic happens.

# **New Single User update**

Front camera process to create a 3D avatar prototype.

1 Phone Placement



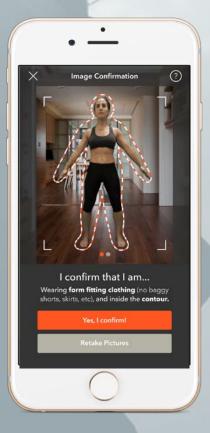
Phone is aligned vertically on a table.

2 Front & Side Photos



Automated countdown begins where the front and side pictures are taken.

3 Confirmation



User can confirm their images, or retake pictures.

# **User Experience**

I'IY FIZIQ

91.9cm

189cm

102.8cm

61.6cm

THIGHS

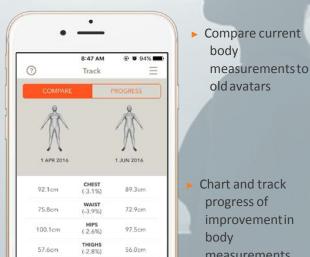
My Avatars 106.0cm

## Intuitive mobile interface with accurate progress and comparison tools

### 1. Create your 3D Avatar

### ► Easy user interface to provide circumference of major body parts

► Fast avatar creation



HEIGHT (0.0%)

160cm

2. Track your body shape





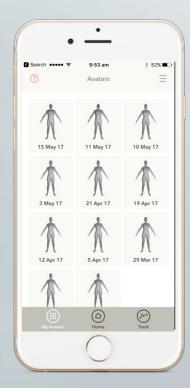
160cm

# **User Experience**

## See your progress over time and see a glimpse of the future you

### 3. Map your changes over time

### Historic records



### Coming soon - predictive capability\*



# **Accuracy and Repeatability**

### **Key Metrics and Data Collection Studies**

### Key Metrics (as at 19 June 2017)

### Accuracy 97%

Mean accuracy in comparison to ISAK approved anthropometric tape measurements captured under controlled conditions. This accuracy is comparable to a tape measure as used by a qualified ISAK expert.

#### Repeatability 98%

The mean repeatability percentage of multiple circumference measurements taken from multiple avatars of the same person. In layman's terms this means when you create multiple avatars within a short period of time, you will get incredibly consistent results.

### **Data Collection Studies**

- Over 1200 avatars collected of volunteers
- 5 internal studies

Physical measurements captured in internal studies done by independent contractors to the ISAK standard.

#### 2 external studies

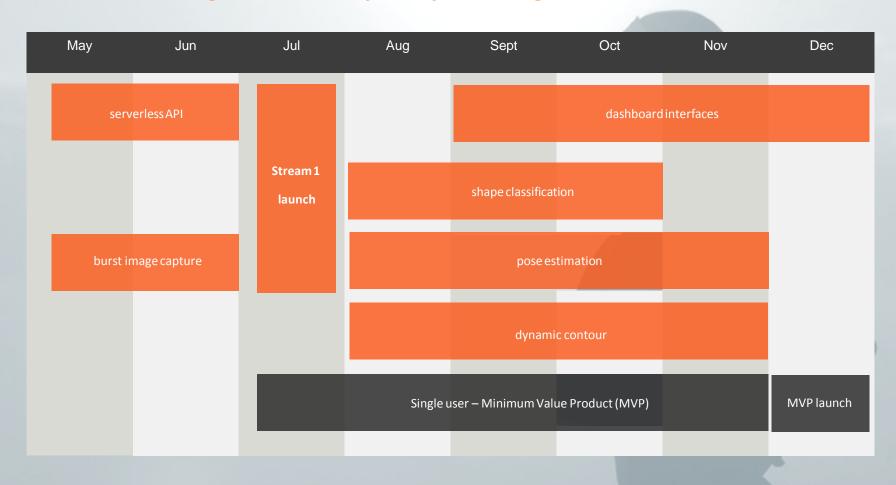
- 1 involving 100+ end users
- 1 conducted by a potential B2B client.

# **Technology Update**

- New Serverless Architecture MyFiziq's core functionality has been migrated to modern AWS services. The avatar creation process has been redeveloped as an AWS serverless Lambda application, whilst user management is now handled by AWS Cognito. The new architecture design supports multiple tenants, can rapidly scale to handle huge spikes in demand, and facilitates an overall reduction in running costs.
- Analytics pipeline A custom analytics collection process has been implemented to allow partners to capture and monitor SDK metrics, avatar creation data and user demographics via their preferred analytics tools. Supporting dashboard interfaces are currently in development.
- Machine learning MyFiziq's state-of-the-art classification model is complete. The model refines initialisation estimates as part of the overall Avatar Creation Process. Research and development continues on a pose estimation model which should further improve segmentation and overall accuracy.
- Burst-mode app released To improve result repeatability the MyFiziq app now captures multiple compressed images for parallel processing. The results are then normalised to mitigate any potential outliers during the process.
- Single user experience Front-camera 'alpha' PoC completed. 'Beta' version in development prior to both functional and user testing being conducted.

# **Technology Roadmap**

## A high level roadmap of key technological advancements



Stream 1 : Dual user (Machine Learning and Initialisation)

Stream 2 : Single User Implementation

# **The Competitive Landscape**

## MyFiziq offers significant advantages both as a standalone or complementary solution

	I'IY FIZIQ				Home scanning equipment	Scanning booths	Other Apps and Online Programs
Mobile capability	<b>√</b>	Not practical	$\checkmark$	×	×	×	<b>√</b>
Accurate circumference measurements	<b>√</b>	×	User dependent	×	<b>✓</b>	<b>✓</b>	Depends
User can interact with avatar	✓	×	×	×	$\checkmark$	×	$\checkmark$
Rapid feedback (< 5 minutes)	<b>√</b>	$\checkmark$	$\checkmark$	×	$\checkmark$	×	$\checkmark$
Automatic historical tracking	<b>√</b>	×	×	×	$\checkmark$	×	$\checkmark$
Predictive modeling	✓	×	×	×	$\checkmark$	×	×
Low cost (<\$1)	$\checkmark$	Depends	$\checkmark$	×	×	×	Depends

# **Joint Venture Update**

## **MyFiziq Secures \$5 million Joint Venture & enters Global Medical Diagnostic Market**

#### **Update Highlights:**

- The initial funding of \$1.5 million will be made available by the 22 November 17.
- Remaining license payment \$500,000 Q1 18.
- Joint Venture company established in both Singapore and Australia as Body Composition Technologies (BCT).

#### What will the JV deliver?

- \$2 million in license payments to MyFiziq.
- A further \$3 million of development capital to BCT.
- BCT have also agreed to pay MYQ to develop the initial commercial application to a total of \$420,000 over 12 months.
- MyFiziq, working together with Body Composition Technologies to develop and deliver a revolutionary diagnostic tool for the medical sector, allowing an up to date record of the patient's body composition to be directly uploaded to their medical practitioner's or insurer records.
- The first application will deliver body shape along with body fat estimates. The goal is to replace out of date body mass index (BMI) as a measure of an individual's body composition for the health and life insurance sector.
- This will enable insurers to more accurately understand how policy holders are trending with their body weight and composition, which directly correlates to their management and risk of developing chronic health conditions.
- Discussions with the health sector have indicated a strong desire for such a technology to monitor a policy holder's current health trends.
- The goal is to provide insurers and also policy holders with a tool that will give them accurate and up-to-date feedback on their current and future health status.

## Transactions in mHealth

### A selection of recent transactions in the mHealth sector...



A\$20m

Jan 2017



Under Armour acquires Endomondo

US\$85m

Feb 2015



Catapult acquires XOS digital

US\$60m

July 2016



Strava

Series D

funding

US\$18.5m

Oct 2014



Fitbit acquires Coin Inc

undisclosed

May 2016



Facebook acquires Moves

undisclosed

Apr 2014



Fitbit acquires FitStar

US\$18m

Mar 2015



MindBody acquires Lymber Wellness

undisclosed

Feb 2014



### myfitnesspal

Under Armour acquires MyFitnessPal

US\$475m

Feb 2015





Under Armour acquires MapMyFitnes s

US\$150m

Dec 2013

# **Fitocracy Strategic Partnership**

### MyFiziq Enters Strategic Partnership With Leading Fitness App, Fitocracy

### **Announcement Highlights:**

- Strategic partnership with initial potential annual revenue of up to US\$9 million per annum\*.
- MyFiziq will be integrated into Fitocracy's Fitness Community and Personal Coaching application.
- Fitocracy is an online fitness and social network, with over 2 million users, that aims to help users improve their fitness and wellness and is ranked in the top 5 social fitness platforms in the world.

#### What will the partnership deliver?

- Fitocracy and MyFiziq will collaborate to offer MyFiziq's revolutionary body shape tracking application to the Fitocracy community.
- Fitocracy's current user base of over 2 million users will be able to track changes in their body shape and dimension using the MyFiziq technology as they follow Fitocracy's coaching programs.
- MyFiziq will also be an integral part of Fitocracy's offering and a key point of difference to other new branded apps in partnership with top brands and athlete influencers, including Floyd Mayweather.
- The term sheet includes an initial target of 500,000 user base in the Fitocracy / MyFiziq solution within 12 months of the new offering commencement.

<sup>\*</sup> Please refer to ASX announcement "Strategic Partnership with Leading Fitness App Fitocracy" released on 15 September 2017.

# Market Segments – Focus on B2B2C models

MyFiziq has the potential to enhance a range of exciting industries with huge customer bases:













# **Customer Engagement Model**

### B2B2C "white label" - MyFiziq provides mobile technology to clients which then markets to their own customer base

### Indicative Financial Outcomes - Sensitivity\*\*

Number of Active Users to Break-Even	375,000	300,000	250,000	200,000
Assuming:				
Upload price of >	\$0.80	\$1.00	\$1.20	\$1.50
Uploads per user / month >	1.00	1.00	1.00	1.00
Direct Cost of Sales	10%	10%	10%	10%
Break Even Achieved >	Jul-18	May-18	Mar -18	Jan-18

Under the B 2 B subscription model.

Companies will have a sliding scale based on volume of active users per month. All organisations will have the app available behind a payment wall under subscription. Prices are based on a per month cost allowing the consumer to use the app without limitation.

NB: Break even numbers are based on full operational monthly burn of \$300k

<sup>\*\*</sup>Example for illustration only - This is not a forecast

## The Market

### **Huge obesity market supported by growing awareness**

#### **Market Size**

- Large and prevalent obesity issue globally
- ▶ 2.1 billion estimated to be overweight, globally
- ► Increase in obesity mainly 20-40 year olds – represent bracket for primary app users

2014 global weight loss market

### **Growing Awareness**

- ➤ 56% of Australians and 51% of Americans are trying to lose weight
- ► 45% of women and 23% of men in the healthy weight range think they are overweight
- ▶ 91% of women are unhappy with their bodies

Australians trying to lose weight

### **Mobile Health**

- Australians spend on average 10 hours+ engaging with their internet connected devices every day
- ≥ 269 billion app downloads, worth U\$\$76.5 billion predicted in 2017
- ▶ Growing mHealth market mHealth projected revenue of US\$49.1 billion by 2020
- Remote mHealth monitoring apps predicted to have highest market potential

Estimatedsmartphoneusers in 2016

US\$672

# **MyFiziq IP – Patent Protection**

### MyFiziq Ltd (MYQ) has prosecuted an International Patent Application under the Patent Cooperation Treaty having 53 claims.

MYQ has now entered the national/regional phase in the following jurisdictions: Australia, Canada, China, Europe, India, Japan, New Zealand, Singapore, South Korea, and the United States of America.

#### **Protection Being Sought**

Under independent claim 1, the protection sought is broadly directed to a device operable to receive an input representing a selected body (human or otherwise), display that input representation on a screen of the device, produce a *skeleton* (specific to the user) that will appear on the display screen, allow the user to align representation of the body with the user-specific skeleton, segment the representation when aligned with the user-specific skeleton, generate a second representation of the body which is based from the initial input into the device, and then display this second representation on the screen.

Dependent claims 2-33 are directed to more specific features of the device of claim 1.

Under independent claim 34, the protection sought is broadly directed to a method which echoes the substance of the features of claim 1, but in a more activity based manner.

Dependent claims 35-47 are directed to more specific features of the method of claim 34.

Under claims 48-50, the protection sought is for implementations of the method of claim 34 via a computer-readable storage medium, a computer means, and a data signal.

Under claim 51, the protection sought is broadly for a system using the device of claim 1.

Under claims 52 and 53, the protection sought is broadly for a method of using the device of claim 1 to achieve an objective.

#### What does all this mean?

MYQ has sought to protect its ability to use a mobile device to capture a user specific input to further create and deliver an output specific to the user by way of an image or images (taken by the device). In implementations of the MYQ technology, the output may provide the user with specific dimensions for the mapping/tracking of anatomical change.

# **Investment Highlights and Future Milestones**

Unique technology / Advancing into Medical Diagnostic First B2B partnership announced with a Q1 2018 launch Multi-billion dollar market and growing annually IV Easy to use technology B2B business model with SDK built VI Code allows easy extension, modification and scalability VII Q2 2018 Second B2B Launch

