

# Entrepreneurship and Innovation Group



## Booki/ng Project Group Epsilon Report

## **Abstract**

This report was commissioned by Edward Pollock, RGU's manager of entrepreneurship and innovation, to improve their antiquated booking system. Before our meeting, the Entrepreneurship and Innovation Group relied on spreadsheets and various paper-based solutions to find out who and when to book rooms.

The purpose of this report is to explore all the possibilities for a more efficient online booking system or to create your own customized EIG group. The service should enable entrepreneurs and university staff to book individual time slots for the hotdesk and work on their innovations and book group sessions during workshops. Due to the fact that the Entrepreneurship and Innovation Group has an office in the city center and a room at the university, reservations for both of them should be combined for easier management. To facilitate the booking process, super-users will have the option to confirm or decline reservations.

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## Introduction

This report has been made to explain what are the requirements made by the client after meeting. The report consist of the following parts:

1. Identifying the functional requirements of the software
2. Identifying the non-functional requirements of the software
3. Product Backlog

Conclusions will be drawn, and recommendations offered on how to improve the final prototype of the software, and consequently increase the software efficiency. The report is to be submitted by 8<sup>th</sup> of October 2021.

## Team members

**Borislav Aleksandrov** - As a computer science student I specialize in programming and implementing the plan as well as the logistics and the possibility of it. I am a great programmer and an even better mathematician. I am amazing with ideas and am good at criticizing in order to take out the best of anything in the possible range. Overall a rational person who will take the best out of a situation in order to leave the client happy with the outcome.

**El-Said Kishk** -

**Erik Takacs** – As the Project Manager my main role is to organise the tasks that need to be carried out for this project and make sure that nothing is left out. Furthermore I am the one who keeps in contact with the team members making sure that everyone is confident and knows what they are doing. As part of a small interdisciplinary team I also serve as a developer and help in the coding aspect of the project.

**Kacper Gumowski** – As an Assistant Project Manager my role is to help with task scheduling and to keep an eye on the timeframes. Whenever I can I am helping the project manager to make contact with other team members and developing software. The other role I have is UI/UX developer/designer.

**Lewis Boyd** -

**Michael Bisset** - As a Digital Media Student I will specialise in using design principles in order to enhance the user experience and make sure the product we develop is specifically tailored to the client's target audience and easy to use – while retaining the brand of the organisation. Proficiency with software such as Photoshop and Adobe XD aiding in production of visual assets and prototyping.

## About The Entrepreneurship and Innovation Group

Entrepreneurship and Innovation Group help drive innovation and support new enterprises to create impact and contribute to Scotland's economic prosperity.

The Entrepreneurship and Innovation Group was established in 2018 thanks to a generous donation from the Wood Foundation. The team was created to support entrepreneurs to make an economic impact in the region and stimulate a culture of innovation at the university. Since launching, the team has supported hundreds of entrepreneurs who have gone on to raise hundreds of thousands of investment and make millions of pounds worth of impact in the economy.

## Requirements Gathering

The purpose of requirements gathering was to get as much information about the product as possible. During the online meeting, the client was asked multiple questions regarding functionality of the product, after the discussion, the client confirmed the following functionalities.

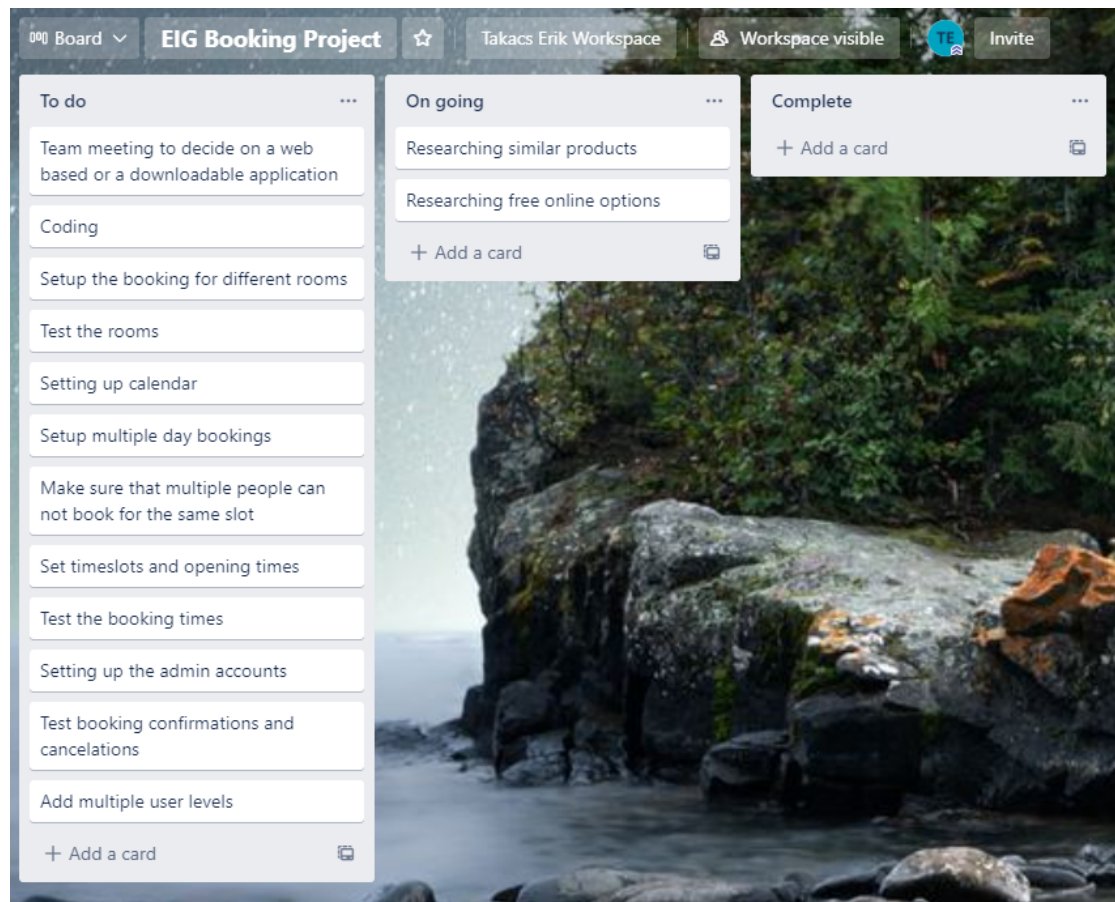
### Functional

Must	Will not
Show available slots in the City Centre and the RGU workshop	Confirm or decline bookings automatically
Take details and times for the bookings	
Allow super users to confirm or decline bookings	
Could	Should
Have an option for multiple day bookings	Be a web based solution
Connect with track and trace	Be accessible with Outlook accounts
Send details of bookings to the timetabling office	Show live update about spaces available
Give a user an option to choose the number of people booking the space	

### Non-functional

- Easy to use
- Cheap / possibly free
- Include multiple user levels:
  - Super user (management / admin staff)
  - User (people frequently using the facility)
  - Guest (people only attending occasionally)

# Product Backlogs



Product Backlog				
ID	As a...	I want to be able to...	Priority	Status
1	Administrator	Confirm or decline booking	Must	To be started
2	Administrator	Connect to my Outlook account	Should	To be started
3	Administrator	See live updates about available booking slots	Must	To be started
4	Administrator	Send details of booking to the timetabling office	Could	To be started
5	Administrator	Set up user roles (admin, user, guest)	Could	To be started
6	Administrator	Open the application in browser	Must	To be started
7	User	Make booking	Must	To be started
8	User	Change my password	Should	To be started
9	User	Get booking confirmation email	Could	To be started
10	User	Contact the administrator	Should	To be started
11	Guest	Make a booking	Must	To be started
12	Guest	Create an account	Could	To be started
13	Guest	Login	Should	To be started
14	Guest	Contact the administrator	Should	To be started

## References

- [www.rgu.ac.uk](https://www.rgu.ac.uk). (n.d.). *Contact the Innovation Team | Innovation@RGU | RGU*. [online] Available at: <https://www.rgu.ac.uk/business-innovation/innovation-rgu/contact-the-innovation-team> [Accessed 6 Oct. 2021].