

# Womanium Quantum Hackathon 2022

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## Contents

<b>1</b>	<b>Introduction</b>	<b>2</b>
<b>2</b>	<b>Team</b>	<b>2</b>
<b>3</b>	<b>Challenge</b>	<b>2</b>

# 1 Introduction

This document will provide some information about our challenge for the **Wom-anium Quantum Hackathon 2022**. It contains the team's details, information regarding the challenge, an outline of our solution and the main features we chose to implement.

# 2 Team

The team name is **QGirls**. The team is composed of 5 members. The names and the contact details of the members are listed below.

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# 3 Challenge

The challenge we chose is the **Quantum Hardware Education Challenge** by **QWorld**. In particular, we decided to develop a solution on the topic of **Photonics Quantum Computing**.

In the following pages, we will discuss our ideas and plans for this challenge.