Womanium Quantum Hackathon 2022

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1 Introduction

This document will provide some information about our challenge for the **Womanium 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.