# Validation Specification

FPGA-Based Machine Learning on a Drone

### CPEN/ELEC 491 Capstone Team 109 **University of British Columbia**

Deutsch, Peter me@peterdeutsch.ca

He, Muchen i@muchen.ca

Hsueh, Arthur ah11962@outlook.com

Wang, Meng

Wilson, Ardell

wzfftxwd@gmail.com ardellw96@gmail.com



## **Revision History**

Revision history written here.

| Version # | Initials | Release Date | Changes Made                      |
|-----------|----------|--------------|-----------------------------------|
| 0.0       | PD       | 2019-10-11   | Initial skeleton of the document. |

#### **Contents**

| 1 About This Document |                               |                     |  |
|-----------------------|-------------------------------|---------------------|--|
|                       | 1.1                           | Purpose             |  |
|                       | 1.2                           | Intended Audience   |  |
|                       | 1.3                           | Reading Guide       |  |
| 2                     | Validation Approach & Results |                     |  |
|                       |                               | Quality Measurement |  |
|                       |                               | Automated Support   |  |
|                       | 2.3                           | Test Plan           |  |
|                       | 2.4                           | Test Cases          |  |
|                       | 2.5                           | Test Results        |  |
| Re                    | ferer                         | nces                |  |

#### **Terms and Abbreviations**

Technical terms and abbreviations dictionary go here.

**List of Figures** 

**List of Tables** 

CPEN/ELEC 491 Team 109

#### 1 About This Document

- 1.1 Purpose
- 1.2 Intended Audience
- 1.3 Reading Guide
- 2 Validation Approach & Results
- 2.1 Quality Measurement
- 2.2 Automated Support
- 2.3 Test Plan
- 2.4 Test Cases
- 2.5 Test Results

CPEN/ELEC 491 Team 109

#### References