**Module Name:** Project

**Module Code:** CHC6096

**Assessment Title:** IABiLSTM-NET on Solar Cell Detection using Thermal Imaging

**Student Number: 202118010407**

**Word Count: 13160**

***AI Declaration:***

***I have utilized the use of AI tool(s) in this assessment.***

***I have used the following AI tool(s): ChatGPT***

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| *AI Tool: CHAT GPT – Prompt: What’s the advantages of detecting solar cell degradation early?*  *AI Tool: CHAT GPT – Prompt: Why early detection of solar cell degradation is significant?*  *AI Tool: CHAT GPT – Prompt: How can people benefit from early detection of solar cell degradation?*  *AI Tool: CHAT GPT – Prompt: Tell me some information about Inception, attention and BiLSTM.*  *AI Tool: CHAT GPT – Prompt: Give me some evaluation criteria for classification model in deep learning.*  *AI Tool: CHAT GPT – Prompt: What is risk analysis in deep learning area?*  *AI Tool: CHAT GPT – Prompt: What are abbreviations in deep learning area?*  *AI Tool: CHAT GPT – Prompt: What is focal loss function and how to implement it?*  *Youdao translator: I have used Youdao Translator to translate some terms and some difficult sentences.* |
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