

**ARTIFICIAL INTELLIGENCE PROGRAMMING PROJECT**

**Report 6 – Packaging and User Guides**

– Hanoi, November 2021 –

**Table of Contents**

[I. Conclusions and Perspectives 3](#_heading=h.30j0zll)

[II. Release Package & User Guides 3](#_heading=h.1fob9te)

# I. Conclusions and Perspectives

* Overall, after running and building models based on the Interception block and Transfer-learning algorithm, the issue of Facial keypoints detection has been tackled successfully. This problem gives our group an opportunity to dive deeper into deep learning structure and have a base knowledge about Computer vision.
* One of the major difficulties of the Facial keypoint detection problem is Overfitting. After tuning and applying the appropriate model, we have solved this problem by using Transfer-learning algorithm and decreasing the training time as well as increasing the model result compared to basic convolution models.
* Model predictions:

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# II. Release Package & User Guides