



Emotion analysis by artificial intelligence (AI)

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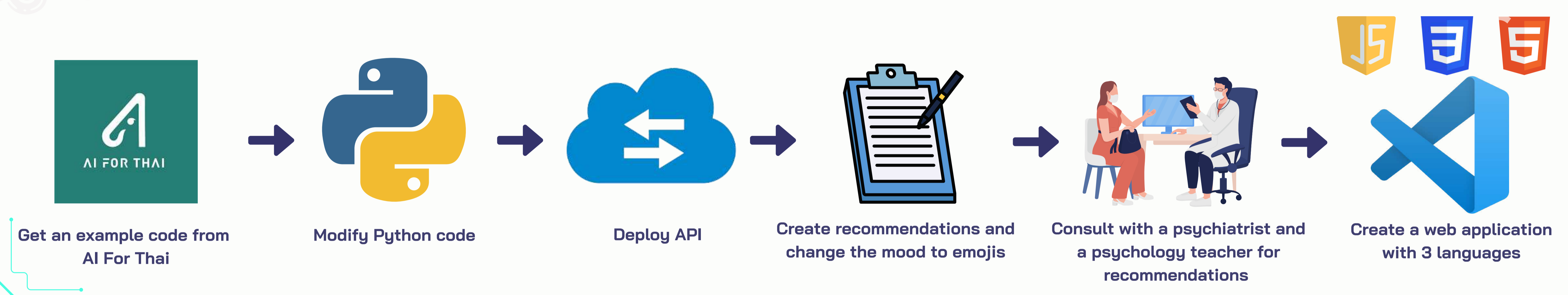
INTRODUCTION



OBJECTIVES

- To develop the web application and emotional analysis with artificial intelligence system.
- To study the efficiency of the accuracy, analyse emotions and show advice results.
- To study the satisfaction of users in using the web application on analyzing emotions.

METHODS



RESULTS

210 accurate test results

Emoji	Frequency	Correct	Accuracy Percentage	Incorrect	Error Percentage
😊	10	10	100	0	0
😄	10	10	100	0	0
😁	10	10	100	0	0
😂	10	10	100	0	0
😃	10	10	100	0	0
😅	10	10	100	0	0
😆	10	10	100	0	0
😇	10	10	100	0	0
😈	10	10	100	0	0
😉	10	10	100	0	0
😊	10	10	100	0	0
😋	10	10	100	0	0
😌	10	10	100	0	0
😍	10	10	100	0	0
😎	10	10	100	0	0
😏	10	10	100	0	0
😐	10	10	100	0	0
😑	10	10	100	0	0
😒	10	10	100	0	0
😓	10	10	100	0	0
😔	10	10	100	0	0
😕	10	10	100	0	0
😖	10	10	100	0	0
😗	10	10	100	0	0
😘	10	10	100	0	0
😙	10	10	100	0	0
😚	10	10	100	0	0
😛	10	10	100	0	0
😜	10	10	100	0	0
😝	10	10	100	0	0
😞	10	10	100	0	0
😟	10	10	100	0	0
😠	10	10	100	0	0
😡	10	10	100	0	0
😢	10	10	100	0	0
😣	10	10	100	0	0
😤	10	10	100	0	0
😥	10	10	100	0	0
😦	10	10	100	0	0
😧	10	10	100	0	0
😨	10	10	100	0	0
😩	10	10	100	0	0
😪	10	10	100	0	0
😫	10	10	100	0	0
😬	10	10	100	0	0
😭	10	10	100	0	0
😮	10	10	100	0	0
😯	10	10	100	0	0
😰	10	10	100	0	0
😱	10	10	100	0	0
😲	10	10	100	0	0
😳	10	10	100	0	0
😴	10	10	100	0	0
😵	10	10	100	0	0
😶	10	10	100	0	0
😷	10	10	100	0	0
😸	10	10	100	0	0
😹	10	10	100	0	0
😺	10	10	100	0	0
😻	10	10	100	0	0
😼	10	10	100	0	0
😽	10	10	100	0	0
😾	10	10	100	0	0
😿	10	10	100	0	0
🐱	10	10	100	0	0
Total	210	187	89.04761	23	10.95238

Web application accuracy = $\frac{x}{A} \times 100$
89% of correct

The results of the test from sample of 50 people

The results of the satisfaction from sample of 50 people

PERFORMANCE

Analysis page

Others function page

DISCUSSION AND CONCLUSION

Based on a study involving 210 test attempts with a sample group of 50 participants, the analysis demonstrated an accuracy rate of 88% in identifying emotional states and exhibited high efficiency in delivering tailored recommendations for effective emotional management. The user satisfaction surveys show the average score at 4.93, which serves its purpose.

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