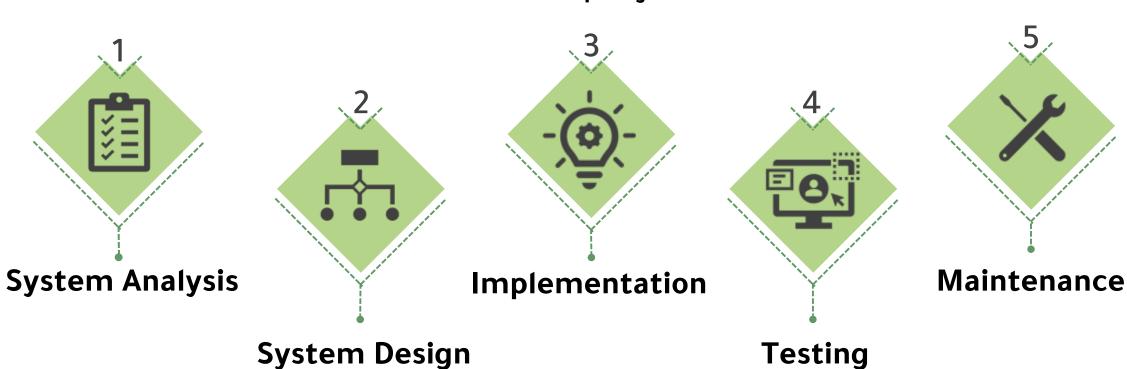


Visual pollution refers to the presence of visually unappealing objects that impact neighborhood aesthetics, property values, and mental well-being.

We have developed an innovative solution that utilizes computer vision and deep learning techniques to detect visual pollution in Saudi Arabian cities. This approach aims to assist the municipality in managing and addressing visual pollution issues while overcoming the limitations of existing systems that rely on manual detection.

METHODOLOGY _____

The waterfall model chosen for this project



OBJECTIVES _____



Environmental benefits



Reducing visual pollution



Improving the quality of life



Assisting the municipality in addressing visual pollution Issues

USED TOOLS _____











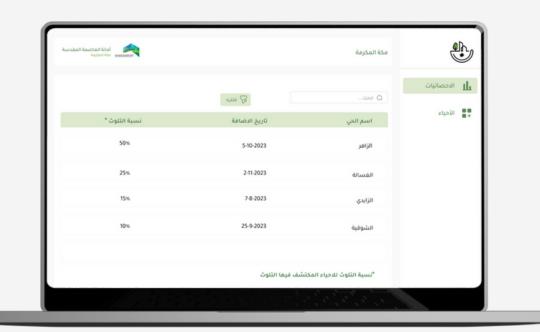




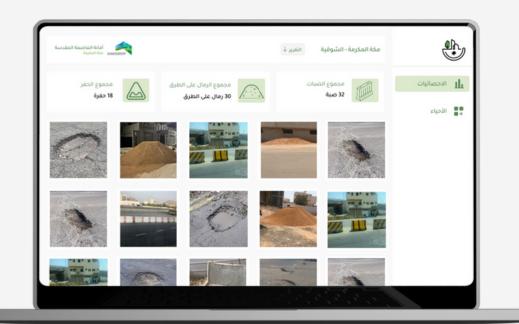
PROTOTYPE



Statistic interface



Neighborhoods interface



Neighborhood interface

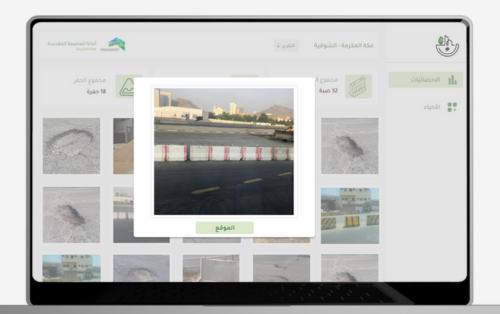
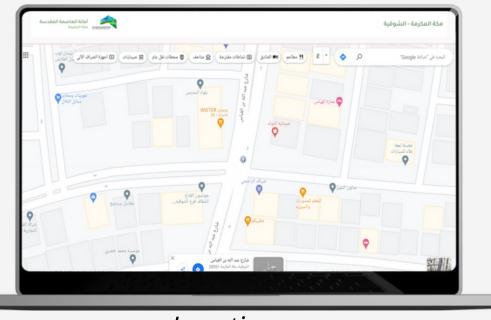


Image window

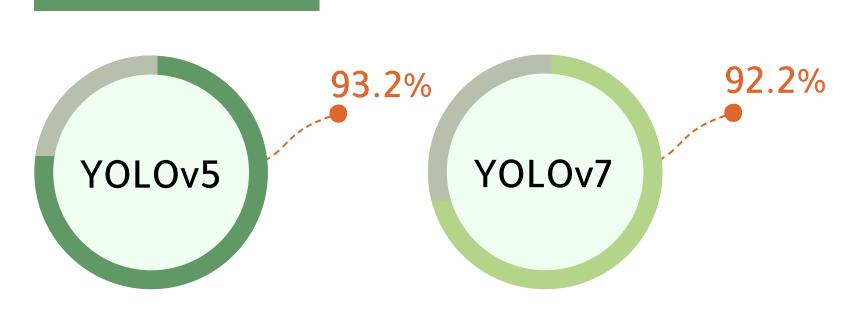


Location



Report

RESULTS



CONCLUSION

The TAMADDON detection system, aims to enhance the quality of life in Saudi Arabian cities and aids the municipality in addressing visual pollution issues by providing an effective solution for detecting and classify different visual pollution types.

FUTURE WORK

Enable the detection of visual pollution in images submitted by the citizens

