



NATURE, CLOSER THAN EVER.  
DISCOVER IT WITH FLAURA.

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# PROBLEM STATEMENT

## 1. Project Background and Description

The goal of the "Flaura" project is to create a user-friendly mobile app using OpenCV and machine learning to accurately identify flowers from photos. The main challenge is to provide accurate results and make the app accessible to nature enthusiasts, gardeners, and botanists. The end result should be a valuable tool for expanding flower knowledge.

## 2. Project Scope

Development of a flower identification mobile app using OpenCV and machine learning, with a user-friendly interface and vast flower dataset for training. Testing, deployment, and ongoing maintenance for accuracy and reliability. Note: project scope may change during development.

## 3. High Level Requirements

- Image Processing using OpenCV
- Accurate flower identification with machine learning model
- Intuitive and user-friendly interface
- Comprehensive flower database with information
- Efficient performance and scalability
- Secure and private handling of user data
- Wide device compatibility
- Ongoing technical support and maintenance.