



Cover page

Project Title: IRIS

Academic Year: 2023 – 2024

Group Members: Zeina Abu-Dheir

Department Name: Computer Engineering

Rand Suwan

Project Type: SoftwareProject

Supervisor Name: Dr. Ashraf Armoush

Format:

- Single space, Times New Roman.
- 12 pt.
- Maximum 1 page.

Abstract Body:

Items must be provided in the Abstract:

- Why do you think this project is important? Please explain the significance of this Project in brief.
- In your point of view what are the important aspects that should be covered in the project?
- Objective(s): In your view, please explain the main objectives of the project.
- Methodology: Give a brief outline of the application development process.
- Had this project been done before? Are there any similar applications available today?



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- **Note:** Please deliver this abstract early to ensure that your Project has been approved by the department's projects committee. **Registration will not be done without this approval.**

Project's Abstract:

Iris is a mobile application that has an associated website. The website is separated into two sections: one dedicated to gold and the other to diamonds. Each section will feature several categories, with each category containing a list of products along with a detailed description, rating, and customer review. Additionally, a "recommended for you" feature will be available, which will show a similar piece of jewelry to the one the customer is currently viewing. Furthermore, the application's home page will display the gold price every day in the gold area, and pricing will be adjusted to correspond with it.

When it comes to the diamond section, there will be four main features: a section with information about various gemstones and different types of diamonds ; a section with brief, interesting information that users see every time they open the app or website; additionally, there will be a feature that lets ladies know what kind of diamond best fits the shape of their hands by taking a picture of their hand and the application will suggest the most appropriate shapes using image processing; and finally, there will be another unique feature that lets users see how the ring, bracelet, or necklace will appear on them after taking a picture of the area they want to wear the jewelry on.