



**BAHÇEŞEHİR UNIVERSITY**  
**Faculty of Engineering and Natural Sciences**

**SEN3006 – Software Architecture**

**Project Proposal**

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Project Title 1: Photograph Sharing Platform

Definition: Photograph sharing platform that allows users to share their photos to the app's feed or with other members in an anonymous way on the platform. Likes & Dislikes work as ratings for a post and these can only be seen by the one who share. Ratings will be good for an artist or photographer for analyzing the people's preferences to art. Users are allowed to share videos as well but with limited time as well as can attach a music to the post for express more artistic style. User's posts will remain permanently. This platform will work also in a matching logic similar to Tinder. Users will be able to rate other users' posts, and the posts with highest ratings will be shown more frequently in the trend. This project is a **mobile application**, the group will use **React native** as a frond-end and **SQLite** as a back-end for the database. The SQLite database will store various data such as accounts, pictures, likes, dislikes, comments, matches.

Project Title 2: Spotify System

Definition: Spotify system that acts as a central database containing various songs along with their ratings, albums, and singers. This system is a **mobile application** that acts as a central database. This mobile app is developed using **React native** as the front-end and **SQLite** as a back-end. The SQLite database stores various songs related details. A user using the app can see a wide range of songs arranged in respective categories. The user may select desired song and view its rating. The user may even search for specific songs on the mobile app.