



Project I Description

Project Name: Design of a passenger terminal for the proposed new cruise port in Jounieh with a taxi and bus service to serve local tourist destinations

Sponsor: none

Project Overview

Works on a new cruise port in Jounieh are expected to go ahead after the government recently earmarked funds for the project. The port will be located between the Kaslik army base and the Portemilio beach resort. The port would attract large cruise ships able to transport 4,000 tourists each.

The port would need a terminal where passengers can embark and disembark. The terminal would consist of a large hangar with areas for security and customs check, passenger check-in, baggage handling and toilets.

Bus and taxi parking areas would need to be located outside the terminal to provide rides and tourist excursions for passengers to local destinations.

The government also approved the rehabilitation of the old fisherman port in Jounieh, including existing terminal and customs buildings, to serve as temporary facilities for the proposed cruise port.

Project Areas

Facility planning, scheduling, simulation and optimization

Project Deliverables

- A survey of available information about the old and new cruise port locations and any publically available plans.

- A survey of the literature and applicable standards and codes on the design of cruise port terminals.
- The design of a new terminal facility with the needed activities and resources to service the expected demand. Identify activities and activity relationships, and flow and space requirements.
- A facility plan and layout of the new terminal and the new parking area.
- A cost-benefit analysis of the proposed solution

Team Size and Majors needed

INE: 3 students

