



Specification sheet

Planning and Management of Information Technology Projects

Professional Master in Computer Engineering

University of Granada

2019/2020 academic year



Specification sheet

This document is the simulation of a technical specification and corresponds to the request for a job that involves planning and management of an IT project to be carried out in the Planning subject and Management of IT Projects of the degree of Master in Computer Engineering University of Granada, for the 2019-2020 course. This document should be used in the first practice of the subject.

one. Introduction

Planning subject and Management of Computer Projects Master's degree in Computer Engineering from the University of Granada has the specific competence "capacity for strategic planning, development, management, coordination, and technical and economic management in the fields of computer engineering related ". It is a priority for the subject-oriented train students in acquiring skills and abilities as a manager and a project manager, strategic line so the emphasis is on learning and group work.

This technical specification corresponds to a tender that reflects the interest of the subject teacher for student participation in the planning and management of real entire project.

2. Project Objectives

The overall objective of this project is that a couple of students plan and manage an IT project small satisfactorily.

The specific objectives of the project are therefore:

- Learning to work collaboratively with others (in pairs).
- Learning to make planning a project.
- Learning to manage / control a project using various techniques and tools.
- Learning to document the work done and manage documentation and possible products obtained.

3. Description of services to be provided

The pair of students as a team project manager job, you should do the following work:

- Prepare a summary of a project proposal that would involve the development of an application.
- Submit a technical proposal on the full description of the application.

- Plan the project in various iterations.
- Manage time, tasks, resources, risks, costs, quality, communication and acquisitions.
- Provide documentation that would monitor the project manager or project manager, as provided in each practice of the subject.

Determining the specific characteristics of the application object of the tender must be done by each team, to support e-health: "The e-health (e Health in its English terminology) is the term that is defined to set of information and communications technology (ICT) which, as tools are used in the healthcare environment in the prevention, diagnosis, treatment, monitoring and management of health, saving costs to the health system and improving the effectiveness of this " ^{one}.

The application to be developed must comply with regulations in terms of accessibility and data protection law.

To carry out the work of this project will provide tools exclusively licensed free software or open use, including educational licenses.

Four. Labor Organization

The team members should perform their duties with a disposition manifested toward dialogue, cooperation and coordination with the petitioners (teachers) and his companions.

Periodically coordination meetings between the petitioners and each team will be agreed to monitor the work carried out in order to optimize processes and protocols.

Each team will be responsible for support and resolution of incidents that occur during development.

5. Property jobs

Intellectual property of the documents and products obtained as a result of this tender is established according to the current regulations of the University of Granada.

6. Warranty and maintenance

This tender should consider a warranty period of six months for the software to be developed.

^{one} <https://laesalud.com/que-es-esalud/>

7. Acceptance of services

The teams must successfully meet deadlines, milestones and requirements of this specification.

Where there are disagreements, the petitioners (teachers) may require work teams and individuals within these teams compliance functions. The petitioners will review the quality of work performed and the documents submitted and may request to be repeated if the quality is not optimal.

products generated will not be accepted until they are ironed out all disagreements that arise during the service.

8. Background information

The petitioners undertake to provide information necessary for the performance of services. The information provided in this specification can not be used for purposes of teaching.

9. Deadlines and penalties

The petitioners fix different dates in advance informing the teams, for the delivery of documentation result of the implementation of the various practices that correspond to specific tasks of planning and management of IT project described in the Annex.

In case of delay without justification any delivery, there will be a penalty payment.

10. Contract Price

The contract price is from 0 to a score of 10 in the individual note of practices subject Planning and Management of Computer Projects Master's degree in Computer Engineering from the University of Granada. The petitioners the right to assign each student / a final grade as a result of the partial marks obtained in the various practices of the subject are reserved.

eleven. Content of the technical proposal to submit

The technical proposal must include the following:

- Title
- Summary

- Objectives: general and specific
- Background and Rationale: the group, the project
- Innovation
- Activities to be performed (in relation to the objectives).
- Schedule: activities and involvement of the participants. Deliverable each activity
- Tracking channels
- Value added
- Benefits and beneficiaries

12. Endpoints

The following aspects will be assessed:

- Adaptation to teamwork.
- Leadership skills and leadership skills.
- Project management conducted and its justification.
- Using standards.
- Adaptation planning and justification if any changes.
- Documentation: completeness, adequacy and relevance.
- Control proper versions.
- Quality of products obtained.
- Final assessment team.

