PGPI

Práctica 1
Manual de Coordinación

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Manual de Coordinación (2 Páginas Máximo)

CICLO DE VIDA
• The project will be distributed over short periods of time between 4 and 8 weeks.   • For each period of time will has an objective and a set of associated tasks.   • Every 1 week, a work follow-up meeting called weekly meeting will be held   • At the end of each period of time, it must be a deliverable for the customer.   • After the client meeting and giving the approval, we will proceed to execute the next tasks.
METODOLOGÍA DESARROLLO
• Agile Methodology With Scrum of development
RECURSOS SOFTWARE DESARROLLO
• NodeJs to create RESTful (BackEnd)   • MongoDB to handle with Database   • Html,CSS, JavaScript to design interfaces (FrontEnd)   • GitHub code repository   • Travis CI tests
ORGANIZACIÓN DEL EQUIPO DE TRABAJO (ESTRUCTURA, NORMAS)
The Project Manager will be responsible to select leaders Tasks, Systems Analyst will define and estimates of those tasks ,the development and testing team must execute assigned tasks and inform the whole team of the problems or concerns that are generated to find the best solution as soon as possible, and The Project Manager should be aware of the delivery times should also keep updated the schedule.
HERRAMIENTAS PARA COMUNICACIONES EN EL EQUIPO DE TRABAJO
• Skype   • Emails   • Telegrams
RELACIONES CON EL CLIENTE (ENTREVISTAS, REUNIONES, REVISIONES, …)

• meeting at the beginning of the project to inform us about the information system ,
• Organize regular meetings after completing each major task, for Following the project to make the clients aware of the details and develop the project step by step.
• Meeting before handing over final project to finalize amendments

ESTANDARES DE DOCUMENTACIÓN
• The delivery format of the documents will always be pdf format.
• Put Application LOGO on each page of those documents.
• Creating 2 copies of summary for each session,one for us and another to client

ESTÁNDARES DE CÓDIGO
• dividing code to functions and method
• Each set of methods that have a relationship, will be together in a class
• Avoid writing functions and procedures that are too long.
• Putting Comment above each code line describes this line.
• Using fewer variables as possible to reduce memory usage
• The names of the variables and methods must be in lowercase and too clear and have meanings related to its works
• Do not declare attributes of classes and records as public, nor access them
• should test each method before start with a related one.

CONTROL DE VERSIONES (MÉTODO Y HERRAMIENTAS)
github provides a nice ways to control of Apps Versions, So The git tool is used as the version control system. As a repository Remote will use a private repository on the Github platform.

GESTIÓN DE CALIDAD (PROCESO Y HERRAMIENTAS)
To ensure the quality of the software, integration tests unit will be executed, which will able to test all parts of App after each update , So that errors detected in Software life cycle phase.