



**National Autonomous
University of Mexico**
School of Engineering
**Object-oriented programming
models**



Project Plan

Version :1.0

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Changelog

Version	Description	Responsible for the update	Update date
v1.0	Document creation	José Alejandro Morán Duque	7/10/2021
v1.1	Minor changes to file structure	José Alejandro Morán Duque	30/10/2021

1. Objectives

1.1. Product objectives

The personnel management tool must be able to store at least 100 records and the user must be able to create, read, update or delete any of the records at any time.

1.2. Project duration

From 2021-10-28 to 2021-12-09

1.3. Deliverables

Deliverables	
Product	Type
IEEE paper	Pdf document
Project documentation folder	Folder
Powerpoint presentation	Canva presentation
Github link	URL
Documentation page link	URL

1.4. Delivery protocol

Delivery protocol	
Person in charge	José Alejandro Morán Duque
Date	11-9-2021
Recipient	José Antonio Ayala Barbosa
Place	Classroom

2. Specific method

The SCRUM methodology will be follow as well as the ISO 29110

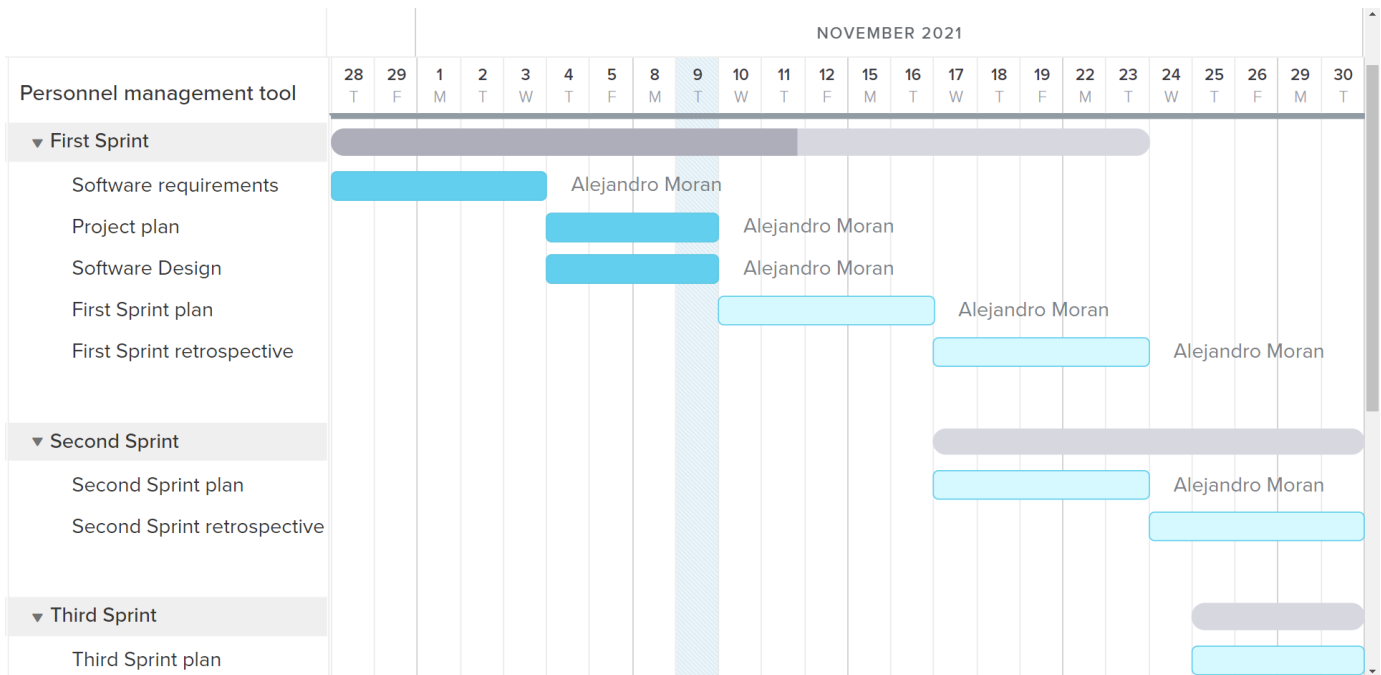
2.1. Activities

First Sprint	
Activity	Description
Preparation	Make sure all the needed software is installed and working properly
Model implementation	Code the majority of the model logic in java
View implementation	Code the majority of the view logic

Second Sprint	
Activity	Description
Controller implementation	Code the controller logic in java
Integration	Integrate the model, controller and view

Third Sprint	
Activity	Description
Minor improvements	Improve the efficiency of the parts
Bug repair	Repair all the bugs from the integration

2.2. Calendar



3. Risks

Risks					
Name	Description	Probability	Impact	Contingency plan	Containment plan
Incompatibility of the libraries	One or more libraries became incompatible	Low	High	Use deprecate libraries	Extensive investigation about the compatibility

4. Version control strategy

Repository	
Tool	Github
Link	https://github.com/AlejandroMoran/PersonnelManagmentTool
Structure	The main folder is Personnel Management Tool, there are 3 folders in the main folder. In the first one, Documents, is where all the Deliverables will be stored. In the second one, Resources, is where all the resources for the program will be stored (Images and Database).

	And in the third one, src, is where all the code will be stored following the MVC architecture.
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Version control strategy	
Version identification	{Major update}.{minor update} The number in the version correspond to the changes made since the creation and the decimal correspond to typos and other minor updates
Head of version control	José Alejandro Morán Duque
Policies	All changes must be registered in the changelog.
Requested changes protocol	In the case of a change it must be registered in the changelog and updated in all the documents of the current Sprint