1. State which project management software you will use for the Start\_Finance project and justify why you choose this software to use.

*For the management of the Start Finance project, our team (Ngo Nguyen, Alessandro Ferro, Gonzalo Soto) will rely on* ***Trello****. What follow is a list of the reason why we chose this software.*

* *Trello basic version is free.*
* *Is a reliable product.*
* *Every member of the team is going to be trained in the use of the Trello software.*
* *Chrome extensions*
* *Customizable.*
* *Good reviews and solid reputation.*
* *Integration with github.*
* *Open API.*

1. List and describe briefly three different source control software which are commonly used in the software development industry.

* ***Git:*** *Created by Linus Torvalds in 2005, git is a free and open source distributed version control system, with tiny footprint and lightning fast performance.*

Its goals include speed, data integrity and support for distributed, non-linear workflows.

*Being distributed means that each repository is complete, thus giving access to any developer to the full project without relying on the constant and full availability of the central server.*

*Git supports most operative systems.*

*Git store the content in metadata.*

*Primarily command-line based, but has a GUI (TortoiseGit).*

*Git is the most widely used system, which makes it the de facto standard for source control.*

*Git is distributed under the GNU General Public Licence version 2.*

* ***Mercurial:*** *Free, open source, distributed version control system developed by Matt Mackall in 2005. It’s written in Python and c, which make it platform independent.*

*Mercurial can be expanded, both with downloadable extensions or with extensions written by the user.*

*It is primarily command-line driven, but GUI extensions are available.*

*Mercurial is distributed under the GNU General Public Licence v2.*

* ***Subversion:*** *Developed by Karl Fogel and Ben Collins Sussman in 2000 as an open source centralized version control system. Is part of the Apache Software Foundation. Its goal is to be a successor of CVS (Concurrent Versions System) with fixed bugs and some implementations.*

*Subversion is centralized, which means that the repository is on the main server.*

*Subversion stores files.*

*Subversion doesn’t allow to clone a repository.*

*Subversion is distributed under the Apache Licence.*

1. State which source-control system you will use for the Start\_Finance project and justify why you choose this system to use.

*Our team approach to version control for the Start\_Finance project is to rely on Git.*

*The reasons for this choice are:*

* *Each member of the team is trained in the use of Git.*
* *The fact that Git is distributed allows every team member to work on the project even when offline.*
* *The main repository on github can be accessed by the team members as collaborators and can be cloned on local machines as full versioned repositories.*
* *It’s free.*
* *It’s a well-known and solid product, thoroughly used for many years all over the world.*
* *It’s the most widely used source control system, which makes it the obvious first choice to learn.*