

## APPENDIX A PRE-TEST QUESTIONS

The following questions composed the Pre-Test conducted by the students:

1. Please enter the first letter of your first and last name, followed by the last three digits of your phone number (e.g., AB123).
2. How old are you?
3. Which is your gender?
4. Which is your English level? (*Very Low, Low, Medium, High, Very High*)
5. Do you have any experience working in a distributed team in which all its members work in the same country?
6. Do you have any experience working in a global team in which people are globally distributed?
7. Please indicate the level of influence you believe each of these factors has on the success of an overall software development project (*It has no influence at all, It has little influence, Normal, It has quite an important influence, It has a totally determining influence*):
  - Selection of synchronous communication tools
  - Selection of asynchronous communication tools
  - Employees' English level
  - Task dependencies between employees
  - Communication between sites
  - Communication between employees with interdependent tasks
  - Cultural differences between project members
  - Project coordination
  - Conflict resolution
  - Project control activities
  - Awareness about project status
  - Awareness about partners' availability
  - Knowledge management
8. How would you define a 'site' in global software development?
  - a. Locations where each of the project's development teams is located
  - b. Location where the client works
  - c. Location where the future product or service to be developed will be deployed
  - d. Location where the project's main development team is located
  - e. None of the above
9. Which of the following communication media are asynchronous? (Select one or more)
  - a. Phone calls
  - b. Email
  - c. Social networking
  - d. Meetings
  - e. Forums
10. Which of the following communication media are synchronous? (Select one or more)
  - a. Interactive whiteboards
  - b. Shared documents
  - c. GitHub
  - d. Phone calls
  - e. Videoconferencing
11. An employee has retired, and a decision needs to be made about hiring a replacement. This task is related to the work of those staff responsible for...
  - a. Communication
  - b. Coordination
  - c. Control
  - d. Geographical and temporary distance management
  - e. None of the above
12. There are two work teams located in different countries and geographically separated, where there is little communication due to the fact that one of them has little knowledge of the common language. What aspects of the project will be most affected by this problem?
  - a. Communication
  - b. Coordination and control
  - c. Control and stress levels
  - d. Level of trust
  - e. Project budget

13. A meeting is needed to organise a part of the project that will be carried out by two teams from different countries (Mexico and India), as well as to determine how inter-task dependencies will be managed. What aspect/s of the project are most related to this decision?
  - a. Lack of trust and control
  - b. Control
  - c. Stress management
  - d. Cultural differences
  - e. Coordination and communication
14. There is a global project with the following configuration:  
*"Client in the USA - English is the common language of the project - four work teams - The main work team is in Spain - A second work team is in Australia - A third work team is in India - A fourth work team is in China."*  
 What are the main problems that may arise in this project given its characteristics?
  - a. Problems due to language differences
  - b. Problems due to time differences
  - c. Problems due to cultural distance
  - d. All of the above
  - e. None of the above
15. There is a global project with the following configuration:  
*"Client in Argentina - English is the common language of the project - Two work teams - Main work team in Argentina - Second work team in Spain"*.  
 What are the main problems that may arise in this project given its characteristics?
  - a. Problems due to cultural distance
  - b. Problems due to geographical distance
  - c. Coordination problems due to cultural difference
  - d. None of the above
  - e. All of the above
16. What do you consider to be the most difficult global project to manage?
  - a. Client in the USA. - English is the common language of the project - Four work teams - Main work team in Spain - 2nd work team in Australia - 3rd work team in India - 4th work team in China
  - b. Client in Mexico - English is the common language of the project - Three work teams - Main work team in Spain - 2nd work team in Mexico - 3rd work team in India
  - c. Client in Italy - English is the common language of the project - Two work teams - Main work team in Argentina - 2nd work team in Spain
  - d. Client in Spain - English is the common language of the project - Two work teams - Main work team in Spain - 2nd work team in Portugal
  - e. All of the above pose the same challenges
17. Which do you consider to be the easiest global project to manage?
  - a. Main working team in Spain - 2nd working team in Australia - 3rd working team in India - 4th working team in China
  - b. Client in Mexico - English is the common language of the project - Three work teams - Main work team in Spain - 2nd work team in Mexico - 3rd work team in India
  - c. Client in Italy - English is the common language of the project - Two work teams - Main work team in Argentina - 2nd work team in Spain
  - d. Client in Spain - English is the common language of the project - Two work teams - Main work team in Spain - 2nd work team in Portugal
  - e. All of the above pose the same challenges