

APPENDIX D TEST QUESTIONS ABOUT GSD

Table D summarizes the test about GSD aspects conducted by the students of this study, being C = *Correct Answer* and PC = *Partially Correct Answer*.

Table 1. GSD test questions

ID	Question	A	B	C	D	E
I1	How would you define a site in Global Software Development? (One answer only)	(C) Location in which one of the project's development teams is situated.	Location in which the customer works.	Location in which the future product or service to be developed will be deployed.	(PC) Location in which the project's main development team is situated.	None of the above.
I2	Which of the following communication tools are asynchronous? (Multiple answers)	Phone call.	(C) Email.	(C) Social network.	Meeting	(C) Forum.
I3	Which of the following communication tools are synchronous? (Multiple answers)	(C) Simultaneous interactive whiteboards.	Shared documents.	GitHub.	(C) Phone calls.	(C) Video conference.
I4	An employee on a site has retired and a decision needs to be made as regards hiring a new person. What aspect of the project will influence this decision? (One answer only)	Communication.	Coordination.	(C) Control.	Geographical-temporal.	None of the above.

I5	There are two work teams located in different countries and geographically separated, in which there is low communication because one of them has little knowledge of the common language. What aspect of the project will be most affected by this issue? (One answer only)	(C) Communication.	Coordination and control.	Control and level of stress.	Level of trust.	The project budget.
I6	It is necessary to hold a meeting to organise a part of the project to be carried out by two teams from different countries (Spain and India) and to think about how the task dependencies will be performed. What aspect/s of the project will be most affected by this issue? (One answer only)	The most affected are lack of trust and control.	The most affected is the control aspect.	The most affected is the stress aspect.	The most affected is the cultural differences	(C) The most affected are coordination and communication
I7	There is a global project with the following configuration: Customer in 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	Problems owing to language differences.	Problems owing to time zone differences.	Problems owing to cultural distance.	(C) All of them.	None of them.

I8	<p>There is a global project with the following configuration:</p> <p>Customer in Argentina – English is the common language of the project – Two work teams – Main work team in Argentina – 2nd work team in Spain</p>	Communication problems owing to cultural distance.	(C) Communication problems owing to geographical distance.	Coordination problems owing to time cultural distance.	None of them.	All of them.
I9	What would you say is the most difficult global project to manage? (One answer only)	(C) Customer in 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.	(PC) Customer in Mexico – English is the common language of the project – 3 work teams – Main work team in Spain – 2nd work team in Mexico – 3rd work team in India.	Customer in Italy – English is the common language of the project – Two work teams – Main work team in Argentina – 2nd work team in Spain.	Customer in Spain - English is the common language of the project - Two work teams - Main work team in Spain - 2nd work team in Portugal.	All of them have the same challenges.
I10	What would you say is the easiest global project to manage? (One answer only)	Main work team in Spain – 2nd work team in Australia – 3rd work team in India – 4th work team in China.	Customer 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.	Customer in Italy – English is the common language of the project – Two work teams – Main work team in Argentina – 2nd work team in Spain.	(C) Customer in Spain - English is the common language of the project - Two work teams - Main work team in Spain - 2nd work team in Portugal.	All of them have the same challenges.
Ex1	What do you understand by Distributed Software Development? (One answer only)	Software that is distributed among different computers.	(C) Software development carried out by workers who are geographically separated.	Software development during which the customer is located in another country.	(PC) Set of software development projects in which each project is carried out by a team and each team is geographically separated.	None of the above.

Ex2	What do you understand by Global Software Development? (One answer only)	A piece of software that will be used all over the world.	A development paradigm in which partial developments are being integrated into a global product.	(C) A software development paradigm in which the members of the development team may be located in different countries around the world.	(PC) A software development paradigm in which the members of the development team have to be located on a different continent.	None of the above.
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