



AGILE PLANNING AND COST ESTIMATION

DR. ISAAC GRIFFITH

IDAHO STATE UNIVERSITY

- Starting at 15:02
 - You will have 5 minutes
 - You may not use your notes, books, lectures, or the internet
 - You may not help each other

Passcode

4781

Provide an interval (lower and upper bounds) which contains the correct answer. Set the interval so that you are 90% certain. Do not use external sources.

1. Length of the Equator (in km)?
2. World record in men's 100m running (in seconds)?
3. Area of the continent Africa (in million km^2)?
4. Year of birth of Martin Luther King, Jr.?
5. Height of the K2 (in m)?
6. Volume of the Atlantic Ocean (in million km^3)?
7. How much was the budget of "Lord of the Rings: Return of the King" (in Millions of US \$)?
8. Length of the Nile (in km)?
9. How old was Elvis Presley when he died?
10. Length of the largest killer whale (in m)?

Quiz Answers



The following are the answers:

1. Length of the Equator (in km)? {40,007 km}
2. World record in men's 100m running (in seconds)? {9.58 s}
3. Area of the continent Africa (in million km²)? {30.2 million km²}
4. Year of birth of Martin Luther King, Jr.? {1929}
5. Height of the K2 (in m)? {8,611 m}
6. Volume of the Atlantic Ocean (in million km³)? {354.7 million km³}
7. How much was the budget of "Lord of the Rings: Return of the King" (in Millions of US \$)? {\$94 million}
8. Length of the Nile (in km)? {6,758 km}
9. How old was Elvis Presley when he died? {42 years}
10. Length of the largest killer whale (in m)? {9.8 m}

Story Point Estimation



Instructions

0. Form a group of 3 or 4
1. Replicate the table.
2. As a team rank the user stories from lowest to highest complexity, using the first column
3. As a team assign a Story Point value (Fibonacci numbers) to each user story

Lowest Complexity	Estimate	User Story Pool	Fibonacci
		US001 - Gas Line	1
		US002 - Roof	2
		US003 - Door	3
		US004 - Electrical	5
		US005 - Walls	8
		US006 - Plumbing	13
		US007 - Rain Gutter	21
		US008 - Foundation	34
			55
			89
			144
Highest Complexity			

The stories are each about completing a simple two bedroom single story house (no basement).