

Project Management Statistics oA Total global spending on technology goods, services, and staff was projected to reach \$2.4 trillion in 2008 oIn the U.S. the size of the IT workforce topped 4 million workers for the first time in 2008 oIn 2007 the total compensation for the average senior project manager in U.S. dollars was \$104,776 per year in the United States, \$111,412 in Australia, and \$120,364 in the United Kingdom oThe number of people earning their Project Management Professional (PMP) certification continues to increase oA project : "a temporary endeavor was undertaken to create a unique product, service, or result" (PMBOK(R) Guide, Fourth Edition, 2008, p. 5) oProjects end when their objectives have been reached or the project has been terminated oProjects can be large or small and can take a short or long time to complete oOperations is work done to support the business o systems have input, processing, and output oA cybernetic system, a self-monitoring, self-regulating system, adds feedback and control: -Feedback is data about the performance of a system -Control involves monitoring and evaluating feedback to determine whether a system is moving toward the achievement of its goal Project Example 1 omanufacturing cell phone cases: oA cell phone company is interested in manufacturing a special cell phone case for their newest model.Examples of IT Projects oA small software development team adds a new feature to an internal software application for the finance department oA college campus upgrades its technology infrastructure to provide wireless Internet access across the whole campus oA company decides what Voice-over-Internet-Protocol (VoIP\*) system to purchase and how it will be implemented o(\* A protocol for transmitting the human voice in digital form over the Internet or other networks as an audio stream, instead of using traditional telephone lines.Project Attributes oA project: oHas a unique purpose ols temporary ols developed using progressive elaboration oRequires resources, often from various areas oShould have a primary customer or sponsor oThe project sponsor usually provides the direction and funding for the project oInvolves uncertainty oVoIP uses the Internet Protocol (IP), but is not limited to communication by computer—even phone-to-phone communication can be conducted using this ...technology