



Payday Presentation

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Systems Analysis and Design

System Analysis – The process of studying a procedure or business to identify its goal and purpose and create systems and procedures that will efficiently achieve them

Benefits:

- User experience
- Reduces errors and inefficiencies
- Identifies potential coding issues
- Improve current systems

Systems Design

- Process of defining elements of a system based on specified requirements
 - Architecture, components, interfaces
- Uses modeling languages to express structure of a system
 - Ex. flowchart

Today's Business Environment

Systems Analysis and Design helps ensure the success of projects

- Helps projects stay aligned with the strategic vision and mission of the business
- Good system analysis ensures greater flexibility, efficiency, and security

Companies are technology driven

- Understanding the systems in place is essential
- Application to all areas within a business; marketing, finance, accounting, HR

Helps increase business acumen by aiding in decision making process

- Practices utilized in systems analysis and design can be applied to a variety of decisions made in a company
- Waterfall method
- Thorough analysis of problem

Why PayDay and Systems Design & Analysis?

Systems Development Life Cycle Applications

- Working in Groups - People and Procedures

Effective System Analysis

- Flexibility - Change strategy depending on month, deals, lottery, etc
- Waterfall method - different strategy each month
- Agile method - quick discussion before each turn with group on what potential outcomes are

Outdated Game, Outdated System

- Update and improve
- Ecurrency/Credit cards

Sources

Systems Analysis:

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