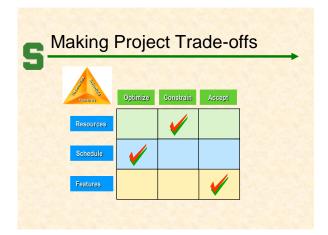




Versioned Releases: Guidelines

- Adopt A Product Mindset
- Create A Multi-version Release Plan
- Cycle Rapidly To Make Customers And Users Confident Of Your Team's Ability To Ship
- · Analyze Each Feature Request For Impact, Feasibility, And Priority
- Deliver Core Functionality First So You Can Build On It
- Stop Doing New Versions When They No Longer Add Business Value







Principles of Accurate Scheduling

- Bottom-up Estimating
- Fixed Ship Date Mindset
- · Risk Driven Scheduling



- · Scheduling For An Uncertain Future
 - Adding Buffer Time
 - Using Interim Milestones
 - Using Discrete Tasks





Zero-Defect Mindset

- Team members must understand the required quality level for their work.
- · Work is not complete until it reaches that level of quality.
- The zero-defect mindset is embodied in task deliverables and milestones.





Zero-Defect Techniques

- Write unit test cases before debugging.
- · Assume the code is broken; prove that it isn't.
- · Fix bugs before moving on.
- · Use competing designs and implementations.
- · Assign bugs to other developers.
- · Reassess the code in light of bugs.
- · Document code.
- · Conduct code reviews.
- · Perform daily builds.



Project Management & Teamwork

Consider Managing..

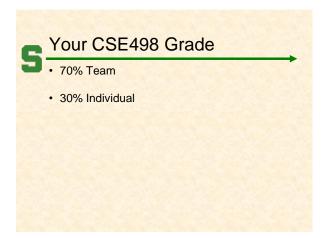
☑The Process

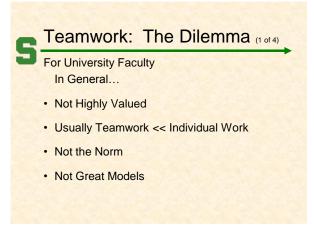
➣The Risks

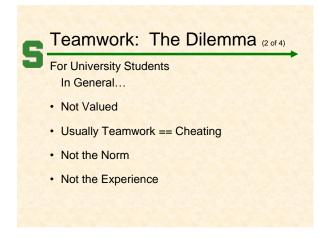
The Team

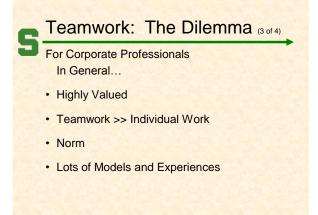


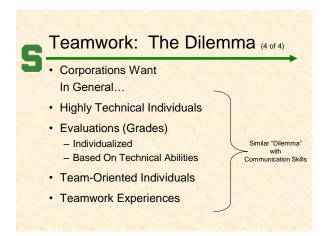


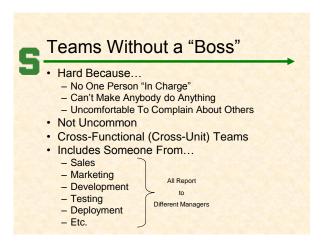


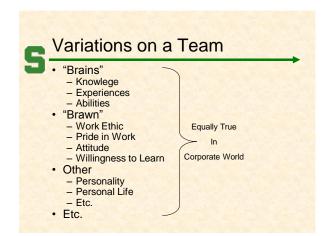


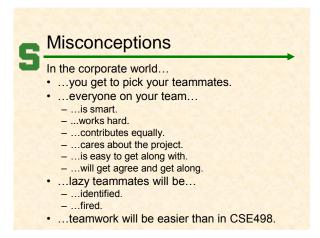




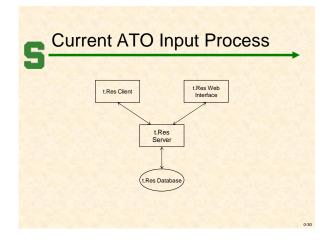


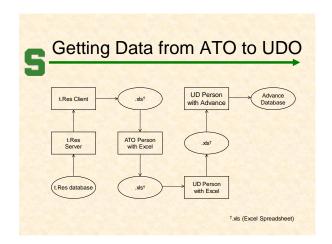


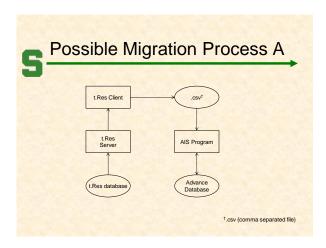


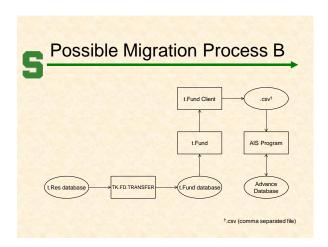




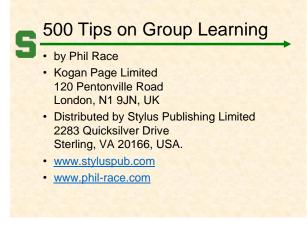






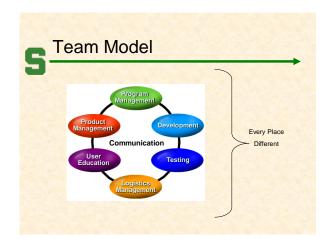












Product Management Role

- Acts As Customer Advocate To The Team
- · Acts As Team Advocate To The Customer
- · Drives Shared Project Vision
- Manages Customer Expectations
- Develops, Maintains, And Executes The Business Case
- · Drives Feature Identification And Prioritization
- Develops, Maintains, And Executes The Communications Plan

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Program Management Role

- Drives The Overall Process
- Manages Resource Allocation
- Manages The Project Schedule And Reports Project Status
- Manages The Product Scope And Specification
- Facilitates Team Communication And Negotiation
- Drives Overall Critical Trade-off Decisions

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Development Role



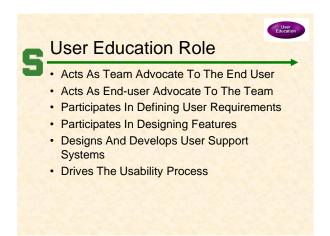
- Builds And Tests Features To Meet The Specification And Customer Expectations
- · Participates In Design
- Estimates Time And Effort To Complete Each Feature
- Serves The Team As A Technology Consultant

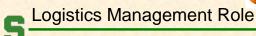


Testing Role



- Develops Testing Strategy, Plans, And Scripts
- Manages The Build Process
- Conducts Tests To Accurately Determine The Status Of Product Development
- Participates In Setting The Quality Bar





- · Acts As Team Advocate To Operations
- · Acts As Operations Advocate To The Team
- Plans And Manages Product Deployment
- Participates In Design, Focusing On Manageability, Supportability, And Deployability
- Supports The Product During Beta Testing
- Trains Operations And Help Desk Personnel For Product Release

