Note audience for presentation: the broader company - help them decide whether or not to shift all development teams to a Scrum-agile approach.

PRESENTATION

**Slide 1: Agile Roles**

The scrum team is composed of four roles:

scrum master

product owner

developer

tester

Slide 2: Scrum Master

Master of the process, not the team

Facilitates daily scrum and events

Maintains integrity of the scrum process

Coaches and guides the team with agile principles

Mitigates and navigates conflict

Answers questions about the process that come from the customer

Slide 3: Product Owner

Final responsibility for the product, e.g. accountable for ensuring that the team delivers value to the business, sets release date

Writes and maintains backlog of user stories

Coordinates with customer to clarify product requirements/represents stakeholders, voice of the customer.

Slide 4: Developer

Writes the product code, usually as part of a self-organized team with other developers

Responsible for delivering product increments at end of each Sprint; this should be suitable to provide to the customer to show progress on the project

Slide 5: Tester

Develops test cases and checks developed code against them

Calls attention to potential problems or shortcomings in the code

Works with developers to help debug code

**Slide 6: Agile Phases**

Phase 1: Requirements

Phase 2: Design

Phase 3. Development and Coding

Phase 4. Integration and Testing

Phase 5. Implementation and Deployment

Phase 6. Review (Cite Feoktistov article)

Note that despite the numbering, these phases are NOT linearly sequential in any strict manner… The emphasis is more on project flow vs steps that are transcendended… Any phase can be revisited at any time – Moreover, it is an iterative cycle that is repeated over many short sprints rather than an overarching trajectory that happens once and guides the project from beginning to end as an traditional waterfall model

**Slide 7: Waterfall Model**

Traditional Approach:

-Requirements Gathering, Analysis, Design, Code, Test, Deploy (Cite textbook)

- Each stage is completed before moving on

**Slide 8: Waterfall or Agile**

Explains the factors to consider when choosing a waterfall or agile approach, using your course experience to back up your explanation.



**Slide 9: References**

Uses citations for ideas requiring attribution, with few or no minor errors