Software Development Lifecycle - Sens of steps developes go though to develop softwire - Steps involve activities - Planning, coding, testing, etc. - Steps layper under constraints and limited resources - Requirements from clients - Linited time and people

- Limited money

- Many appouches

- Generally best to dans from pour experiences

- Good to create a systemtic development process for each project

Software Development Process

- Players involved

- Clients, or stakeholders

- Munagement

- Development terms

- andity assurance

- Marketing

- End users

- Steps

- Requirements gathering

- Design

- Implementation

- Testing

- release it to the world - Deployment

- Maintenance

- Wato fall model - Sequential process - go through steps in order - Works For some projects, but is not flexible enough for others - I testive models - Revisit requirements and design as need be, often in regular intervals - Overhead

- Meeting 5 and other communication

- Good process can lead to good thing s

- Reduced cycle time

- Time between getting requirements and delivering the product

- Reduced development cost

Reduced product risk

bad goftware

- Risk of failing to complete a project or shipping

- Requirements - Gathered from Stateholders - Analyzed to ensure they are clear, complete, and consistent - Written down - Summary lists Written documents - User stories - consider descriptions of what users do or need to do with the software

- Use cases