

# Software Engineering

The Future of Engineering



Performance



Deployability



Availability

The world is changing at an ever increasing pace. The technologies that we had mastered yesterday are no longer relevant today.

On a larger scale, one day people will realize that the universe is fundamentally an informational system and not actually physical.



Security

At that point the various engineering disciplines will be seen for what they are – as various branches of information technology. Even now engineers are more informational technology professionals than nuts-and-bolts people.



Extensibility



Responsiveness

*Nuts and Bolts*

*Always Evolving*



Scalability

The purpose of this book is to present the Nuts and bolts (Design patterns) needed to create a solution that can blow the socks of any customer.

In the book we will focus on:

1. Project Management – Bringing together the components needed to enable a team that can deliver satisfaction to the customer.
2. Feature Management – How to track feature requirements, so we can, with (relative)



Usability



*Nu*

A Gu

