UCI Course Overview – How to write a good SRS

A product is only as good as its specification. With the ever changing requirements in the fast paced IT industry, writing a good SRS helps ensure that the product is developed in tune with user needs, business priorities and for long term sustainability. Delivered by an Industry veteran who has trained hundreds of software engineers in producing comprehensive and easy to read and update specifications, this is an interactive hands on workshop

Course Contents

- o Identification of end users
    - o Learning to differentiate between customers and end users
    - o User Environment and usage patterns
    - o Constraints in user space
    - o User characteristics and how it can affect product requirements

- o Living the user experience
    - o Practical tips to understand users
    - o Assumptions and Conclusions
    - o Taking user feedback

- o User Scenarios and how to write them
    - o Documenting user scenarios
    - o Prioritizing user scenarios
    - o Translating user scenarios into specifications

- o Requirements models and how to apply them
    - o Quality Function Deployment (QFD) and using it to capture requirements
    - o Mind Mapping
    - o Documentation to enable requirements tracking

- o Writing a good requirements specification document
    - o Attributes of a good SRS
    - o Handling requirement changes
    - o Avoiding the design trap
    - o Documenting Error Messages
    - o Updating the SRS when requirements change

- o Process considerations
    - o Expectations of requirements management in ISO
    - o Key focus areas relating to requirements management in the SEI CMMI model
    - o Stakeholders in eliciting and signing off requirements

- o Tracking user requirements right through the SDLC
    - o Methods of tracking
    - o Ensuring trace ability
    - o Incorporating tracking in the process