## Day: 1

### First Half:

1. Download and installation of cucumber, ruby and watir
2. Theory of Ruby
3. Talk about “Cucumber an approach to BDD”
4. Introduction to RSpec Assertions
5. Talk about Source control Github
6. Talk about continuous Integration Tool called Jenkins

### Second Half:

1. First Cuke Implementation using BDD Approach
2. Introduction to Watir and Concept of Selenium WebdriverWatir
3. Concept of Grid and Remote Execution
4. Ruby Basics Concept and hands on programming
5. First Commit to Github
6. Introduction to Jenkins.

Exercise: 10 Ruby Basic Programs. Which should cover basic concepts of Ruby.

## Day – 2

### First Half:

1. Talk about Page Object Design Pattern
2. Implementation of First Feature File for Functional Web Automation
3. Talk about Web Page interaction.
4. Few Tools FireBug, Selenium IDE, XPathFinderetc for Web-Element Identification
5. Merging your commits to Master

### Second Half:

1. Implementation of Watir with Page object design pattern
2. Implementation of Gmail Scenario Write An Email Read An Email.
3. Standard Assertion
4. Basic Framework should ready by that time.

Exercise Feature File for with 5 more Gmail Scenario: scenario

## Day -3

### First Half

1. Practicing BDD Concept with Standard Website.
2. Scenario Outline, Table Concept

### Second Half:

1. Jenkins Reporting and Investigation Technique
2. Github Techniques
3. Jenkins

Exercise: Automating Gmail , OLX product Search, FlipKart Product Search

## Day-4

### First Half

1. Complete Agile Life cycle convert Manual Test to BDD Scenario and Automate.

### Second Half

1. Complete Agile Life cycle convert Manual Test to BDD Scenario and Automate.

By the end of this training Trainee should able participate actively in Automating Tests using Cucumber Ruby and Watir and provide complete CI solution.

Thanks

Vishal