

Meeting Minutes

Agenda:	Fourth Roundtable on the First Event of SQA Bangladesh
Date:	August 5, 2006
Start Time:	5:00 pm
End Time:	6:00 pm
Participants: (Name and Company)	Kabir Ahmed, Metatude Asia Ltd. Tahmidul Islam, Relisource Tech Ltd. Mosharraf Hossain, eGeneration Shahadatul Hakim, Enosis Sajjadul Hakim, Uniqa BDC Ltd. Rokibul Islam Khan, Kaz Software
Moderator:	Sajjadul Hakim
Scribe:	Sajjadul Hakim

This roundtable was a continuation of the previous roundtables on the first event of SQA Bangladesh (SQABD). The first event will be called “**TDD: A Software Development Technique**”. The event will be divided into two parts, a seminar on day 1 and a workshop on day 2.

This roundtable was based on the event content, prepared by Mosharraf Hossain.

Mosharraf Hossain gave an overview with PPT slides on the following content:

1. Introduction to Mock Objects
 - a. Mock testing concept
 - b. Using NMock
 - c. Sample code to show NMock in action
 - d. Setting expectations with NMock
2. Introduction to Refactoring Patterns
 - a. Collapse Hierarchy
 - b. Consolidate Conditional Expression
 - c. Consolidate Duplicate Conditional Fragments
 - d. Decompose Conditional
 - e. Encapsulate Collection
 - f. Encapsulate Downcast
 - g. Encapsulate Field
 - h. Extract Class
 - i. Extract Interface
 - j. Extract Method
 - k. Extract Subclass
 - l. Extract Superclass
 - m. Form Template Method
 - n. Hide Method
 - o. Replace Magic Number with Symbolic Constant

All participants discussed the presentation materials to gain an understanding of the topic since some of the participants are not experienced with the technique.

It was decided that day 1 will be a 3 hour long seminar, with the actual lecture duration of 2 hours. Ad-hoc queries will be entertained during the presentation, and a Q&A session will be held after the presentation.

The following content change requests from the previous roundtables are still pending:

1. Write test first or write a stub class first
2. How to apply unit tests to legacy code
3. Recommend some unit testing tools other than NUnit
4. How to present NCover to the audience
5. When not to write unit tests
6. Include some of the materials from Syed Shabbir Husain's TDD document into Mosharraf Hossain's PPT
7. Include NMock within the scope of the seminar

Decisions and ToDo

1. Mosharraf Hossain will reorder and shorten the day 1 presentation materials so that it can be completed within the duration.
2. Mosharraf Hossain will look into NMock2 to find out if it is feasible to update the current presentations, which is already done with examples from NMock.
3. Mosharraf Hossain will do R&D on the sample desktop application. The application will have a GUI front-end and a database backend, since we think this scenario resembles majority of the projects in Bangladesh.
4. Mosharraf Hossain will complete the presentations on Refactoring.
5. Tahmidul Islam and Md. Shaiful Islam will try to contact the moderators of active Bangladeshi IT user groups. This will help SQABD to exchange information or in the planning of joint efforts for a common cause.
6. Tahmidul Islam will create a new mailing list for the moderators of all active Bangladeshi IT user groups.