Project Assignment, Week 03

Cloud Application Development, MSSA

1   Introductory Presentation

For this week's assignment, you will prepare and create a short (five minute) video presentation and a short written presentation. In your presentation, youu should (1) introduce yourself, (2) talk about your participation in the MSSA program, (3) and introduce your project. When you introduce your project, you should generally adapt your deliverable from last week. You will not necessarily read your deliverable from last week (although you could if you really wanted to), but explain your project as if you were giving a short oral presentation to an employer. In fact, you could treat your presentation as if it were part of an employment interview.

2   Deliverable

You have two deliverables, one written and one oral. You should first prepare your written presentation. The format of the paper will use *Markdown*. Your paper should have a title, author, and date. The subdivisions of your paper should have appropriate section and subsection headings.

The second deliverable is a video presentation, This should be a short video, not more than five minutes, prepared using your laptop camera and software. If your laptop did not come with video software, VSDC is free and works well.

You should upload both your written presentation and your video presentation to your project account in Github.

3   Software Life Cycle

A brief introduction to the software life cycle:

- Inception

- Elaboration

- Construction

- Transition

- Maintenance

- End of life

4   Software Development Cycle

A brief introduction to software development workflows:

- Requirements

- Analysis

- Design

- Implementation

- Testing

5   Software Process Models

A brief introduction to software process models:

- Incremental development

- Iterative development

- Spiral models

- Waterfall

- Rational Unified Process

- Agile processes