

## Homework Assignment 1

(100 points)

**Assigned Date: Wednesday, September 16, 2009**

**Due Date: 4:00 PM Monday, September 28, 2009**

### Educational Goal

Become familiar with a real-world Artificial Intelligence application.

### Requirements

- Select one application of Artificial Intelligence (AI) of your choice and write a survey paper about it. In the paper, you should discuss the following questions:
  - What are the methods used in this AI application?
  - What are the hard problems associated with this AI application?
  - What are the future directions of this AI application?
  - What are your comments about this AI application?

### Submission Requirements

1. Write the short essay using your own words. Cite the resources of your findings in the essay. Must include the complete URL and author/organization names if you find them online, or cite the book/paper names, ISBN numbers, and author names if you find them in a library.
2. The survey paper must have at least 1000 words.
3. Turn in the paper copy and soft copy of the assignment. Submit a softcopy of the file through your UMassOnline account at <http://boston.umassonline.net/index.cfm>. Submit the paper copy along with the cover page in class. Paper copy should be bound firmly together as one pack (for example, staple, but not limited to, at the left corner). 5 points will be deducted for unbounded homework.
4. Name your file with AI\_ lastname\_ firstname\_ hw1. For example, student John Smith should name his file as AI\_Smith\_John\_hw1.
5. No hard copies or soft copies results in 0 points.