

**MAJOR PROJECT - Final Report – 55%**

|                         |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| Student Name:           | JENNIFER ADA                                                                           |
| Title of Project:       | Poker hand classification                                                              |
| Supervisor:             | TIM BASHFORD                                                                           |
| 2 <sup>nd</sup> marker: | NIK WHITEHEAD                                                                          |
| Course:                 | BIT BusComp CIS CNets CSE Electrical<br>Games Mobile TRE <u>SE</u> Web (please circle) |
| Project Type:           | Survey Review Experiment <u>Development</u> (please circle)                            |

|                                                                                                                           | Mark %         |
|---------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>First Marker's General Comments and Original Mark</b><br>Some solid ideas but much of the project was not implemented. | <del>40%</del> |
| <b>Second Marker's General Comments and Original Mark</b>                                                                 | 40%            |
| <b>Comment After Consultation With Other Marker &amp; Final Agreed Mark</b>                                               | 40<br>TB       |

Signature: Nik Whitehead Date: 23/5/18

|                                        | Survey | Review | Experiment | Development |
|----------------------------------------|--------|--------|------------|-------------|
| <b>1. Research-informed Literature</b> |        |        |            |             |
| Introduction                           | /5     | /5     | /5         | 3 /5        |
| Literature Review                      | /20    | /35    | /20        | 9 /15       |

**Comments:**

The abstract needs to define the problem, not just how it was solved. The introductory section about MNIST seems a bit random. Aim and objectives stated. Much of the material in the literature review is not referenced or, in some cases, explained. This needs an introductory section describing poker in terms of it as a programming problem. Good coverage of existing systems. Good bit on benchmarking.

|                                                  | Survey | Review | Experiment | Development |
|--------------------------------------------------|--------|--------|------------|-------------|
| <b>2. Knowledge and Understanding of Subject</b> |        |        |            |             |
| Methodology                                      | /5     | /5     | /5         | 2 /5        |
| Survey Design                                    | /15    | -      | -          | -           |
| Requirements/Design                              | -      | -      | -          | 2 /5        |

**Comments:**

Philosophy & approach are good. Strategy is workable but is not defined as single-cycle or multi-cycle. Much of the material on data collection and deliverables should be in later sections. Designing your own development methodology is not good engineering practice. Cognitive walkthrough? Some design diagrams but the design process is not well explained. No code samples or appropriate screenshots of the implementation.

|                                                                                                                         | Survey | Review | Experiment | Development |
|-------------------------------------------------------------------------------------------------------------------------|--------|--------|------------|-------------|
| <b>3. Analysis</b>                                                                                                      |        |        |            |             |
| Results & Discussions                                                                                                   | /25    | /25    | /25        | 5 /25       |
| Conclusions and Recommendations                                                                                         | /10    | /10    | /10        | 4 /10       |
| Comments:<br>Only the data generator was built, which successfully generates CSV data. Some benchmarking was performed. |        |        |            |             |
|                                                                                                                         | Survey | Review | Experiment | Development |
| <b>4. Practical Application and Deployment</b>                                                                          |        |        |            |             |
| Development                                                                                                             | -      | -      | -          | 5 /15       |
| Experimental Design                                                                                                     | -      | -      | /15        | -           |
| Comments:<br>The main body of the project was not implemented, some parallelised processing was performed               |        |        |            |             |

|                                                                                                                                                                                                                                                                                                                                         | Survey      | Review      | Experiment  | Development |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|
| 5. Skills for Professional Practice                                                                                                                                                                                                                                                                                                     |             |             |             |             |
| Reflection                                                                                                                                                                                                                                                                                                                              | /10         | /10         | /10         | 5/10        |
| Quality of Report                                                                                                                                                                                                                                                                                                                       | /10         | /10         | /10         | 5/10        |
| <b>Comments:</b><br>Reflection recognises some of the problems that occurred and suggests possible future solutions.<br>Overall the report is generally well-presented although sometimes difficult to follow and disordered. More references are needed. All figures should be referred to and explained in the main body of the text. |             |             |             |             |
|                                                                                                                                                                                                                                                                                                                                         |             |             |             |             |
| <b>TOTAL:</b>                                                                                                                                                                                                                                                                                                                           | <b>/100</b> | <b>/100</b> | <b>/100</b> | 40/100      |