

CARLETON UNIVERSITY

# cuPID

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Algorithm Design Document

**Team [Code First, Think Later]**

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# 1 Introduction

– project –

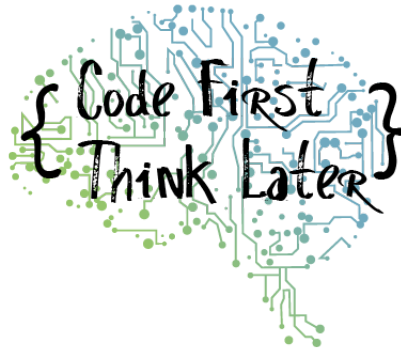
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## 1.1 Purpose of Algorithm

## 1.2 Overview of Document

Best regards,



(Team [Code First, Think Later])

## 2 Proposed Algorithm

### 2.1 Overview

### 2.2 Qualifications

#### 2.2.1 Overview of Qualifications

Table 1: Overview of Qualifications

Identifier	Category/Class	Description
QF-01	<i>Skills</i>	Grade in COMP 2401.
QF-02	<i>Skills</i>	Grade in COMP 2404.
QF-03	<i>Skills</i>	Report writing aptitude.
QF-04	<i>Skills</i>	Debugging aptitude.
QF-05	<i>Leadership</i>	Comfort in taking charge.
QF-06	<i>Leadership</i>	Importance of organization.
QF-07	<i>Leadership</i>	Decision-making ability.
QF-08	<i>Leadership</i>	Tendency towards initiation.
QF-09	<i>Personality</i>	Procrastination tendency.
QF-10	<i>Personality</i>	Sociability level.
QF-11	<i>Personality</i>	Preferred working style.
QF-12	<i>Personality</i>	Punctuality level.
QF-13	<i>Availability</i>	Daily availability.
QF-14	<i>Availability</i>	Weekly availability.
QF-15	<i>Availability</i>	Preferred mode of communication.
QF-16	<i>Availability</i>	

### 2.2.2 Detailed Breakdown of Qualifications

**Table 2: Detailed Breakdown of QF-01**

<i>Qualification Identifier</i>	<b>QF-01</b>
<i>Category</i>	Skills
<i>Phrasing of Qualification</i>	What grade did you receive in COMP 2401?
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	Author Last Name(s)[1]

**Table 3: Detailed Breakdown of QF-02**

<i>Qualification Identifier</i>	<b>QF-02</b>
<i>Category</i>	Skills
<i>Phrasing of Qualification</i>	What grade did you receive in COMP 2404?
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 4: Detailed Breakdown of QF-03**

<i>Qualification Identifier</i>	<b>QF-03</b>
<i>Category</i>	Skills
<i>Phrasing of Qualification</i>	How confident and/or comfortable are you in report writing?
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 5: Detailed Breakdown of QF-04**

<i>Qualification Identifier</i>	<b>QF-04</b>
<i>Category</i>	Skills
<i>Phrasing of Qualification</i>	How proficient are you at software debugging?
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 6: Detailed Breakdown of QF-05**

<i>Qualification Identifier</i>	<b>QF-05</b>
<i>Category</i>	Leadership
<i>Phrasing of Qualification</i>	How comfortable are in the a seat of power?
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 7: Detailed Breakdown of QF-06**

<i>Qualification Identifier</i>	<b>QF-06</b>
<i>Category</i>	Leadership
<i>Phrasing of Qualification</i>	Rate the level of importance you place of organization.
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 8: Detailed Breakdown of QF-07**

<i>Qualification Identifier</i>	<b>QF-07</b>
<i>Category</i>	Leadership
<i>Phrasing of Qualification</i>	Rate your comfortability in making big, important decisions.
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 9: Detailed Breakdown of QF-08**

<i>Qualification Identifier</i>	<b>QF-08</b>
<i>Category</i>	Leadership
<i>Phrasing of Qualification</i>	How willing are you to step up to the plate and take the initiative?
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah



**Table 10: Detailed Breakdown of QF-09**

<i>Qualification Identifier</i>	<b>QF-09</b>
<i>Category</i>	Personality
<i>Phrasing of Qualification</i>	Rate your tendency to procrastinate to the last minute on work.
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 11: Detailed Breakdown of QF-10**

<i>Qualification Identifier</i>	<b>QF-10</b>
<i>Category</i>	Personality
<i>Phrasing of Qualification</i>	Rate your tendency to start/begin a discussion with relative strangers.
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 12: Detailed Breakdown of QF-11**

<i>Qualification Identifier</i>	<b>QF-11</b>
<i>Category</i>	Personality
<i>Phrasing of Qualification</i>	When working on large scale projects, what is your preferred way of working?
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 13: Detailed Breakdown of QF-12**

<i>Qualification Identifier</i>	<b>QF-12</b>
<i>Category</i>	Personality
<i>Phrasing of Qualification</i>	If you have a meeting tomorrow, what time would you usually arrive?
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 14: Detailed Breakdown of QF-13**

<i>Qualification Identifier</i>	<b>QF-13</b>
<i>Category</i>	Availability
<i>Phrasing of Qualification</i>	During a typical day, when is your preferred working time?
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 15: Detailed Breakdown of QF-14**

<i>Qualification Identifier</i>	<b>QF-14</b>
<i>Category</i>	Availability
<i>Phrasing of Qualification</i>	Based on your current schedule, which days are you usually available?
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 16: Detailed Breakdown of QF-15**

<i>Qualification Identifier</i>	<b>QF-15</b>
<i>Category</i>	Availability
<i>Phrasing of Qualification</i>	Based on how often you check, what is your preferred mode of communication?
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

**Table 17: Detailed Breakdown of QF-16**

<i>Qualification Identifier</i>	<b>QF-16</b>
<i>Category</i>	Availability
<i>Phrasing of Qualification</i>	
<i>Description</i>	blah
<i>Scale for Responses</i>	1. stuff. 2. stuff. 3. stuff. 4. stuff. 5. stuff.
<i>Reasoning</i>	blah
<i>References</i>	blah

## 2.3 Rules

### 2.3.1 Overview of Rules

Table 18: Overview of Rules

Identifier	Category/Class	Description
R-01		
R-02		
R-03		
R-04		

### 2.3.2 Detailed Breakdown of Rules

## 3 References

- [1] First Last, etc. *Article/book Name*, Publisher, City, Year.
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