Assignment 4
Specification

SFWR ENG 2AA4
Jay Mody - 400195508 - modyj

March 25, 2020

[insert short introduction about program and MIS here]

Example Module

Module

n/a

Uses

n/a

Syntax

Exported Constants

n/a

Exported Types

n/a

Exported Access Programs

Routine name	In	Out	Exceptions
routine1	$\mathbb{Z}$, $\mathbb{Z}$	$\mathbb{Z}$	
routine2		$\mathbb{Z}$	
routine3		$\mathbb{Z}$	
routine3	$\mathbb{Z}$, $\mathbb{Z}$	$\mathbb{Z}$	

Semantics

State Variables

n/a

State Invariant

n/a

Assumptions

n/a

Access Routine Semantics

routine(*parameters*):

- transition: *variable* := *something*

- output: *out* := *something*

- exception: *exc* := *something*

Local Functions

n/a

Considerations

n/a

Dot Type Module

Module

n/a

Uses

n/a

Syntax

Exported Constants

n/a

Exported Types

n/a

Exported Access Programs

Routine name	In	Out	Exceptions
routine1	$\mathbb{Z}$, $\mathbb{Z}$	$\mathbb{Z}$	
routine2		$\mathbb{Z}$	
routine3		$\mathbb{Z}$	
routine3	$\mathbb{Z}$, $\mathbb{Z}$	$\mathbb{Z}$	

Semantics

State Variables

n/a

State Invariant

n/a

Assumptions

n/a

Access Routine Semantics

routine(*parameters*):

- transition: $variable := something$

- output: $out := something$

- exception: $exc := something$

Local Functions

n/a

Considerations

n/a

Board ADT Module

Template Module

n/a

Uses

n/a

Syntax

Exported Constants

n/a

Exported Types

n/a

Exported Access Programs

Routine name	In	Out	Exceptions
routine1	$\mathbb{Z}$, $\mathbb{Z}$	$\mathbb{Z}$	
routine2		$\mathbb{Z}$	
routine3		$\mathbb{Z}$	
routine3	$\mathbb{Z}$, $\mathbb{Z}$	$\mathbb{Z}$	

Semantics

State Variables

n/a

State Invariant

n/a

Assumptions

n/a

Access Routine Semantics

routine(*parameters*):

- transition: $variable := something$

- output: $out := something$

- exception: $exc := something$

Local Functions

n/a

Considerations

n/a

Dots Game Module

Game Module

n/a

Uses

n/a

Syntax

Exported Constants

n/a

Exported Types

n/a

Exported Access Programs

Routine name	In	Out	Exceptions
routine1	$\mathbb{Z}$, $\mathbb{Z}$	$\mathbb{Z}$	
routine2		$\mathbb{Z}$	
routine3		$\mathbb{Z}$	
routine3	$\mathbb{Z}$, $\mathbb{Z}$	$\mathbb{Z}$	

Semantics

State Variables

n/a

State Invariant

n/a

Assumptions

n/a

Access Routine Semantics

routine(*parameters*):

- transition: *variable := something*

- output: *out := something*

- exception: *exc := something*

Local Functions

n/a

Considerations

n/a

Questions

1. n/a

2. n/a