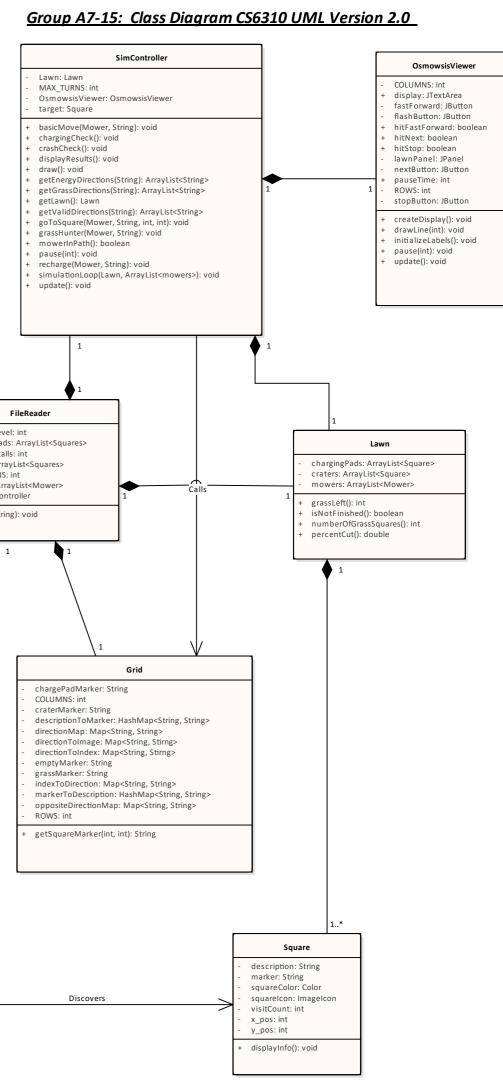
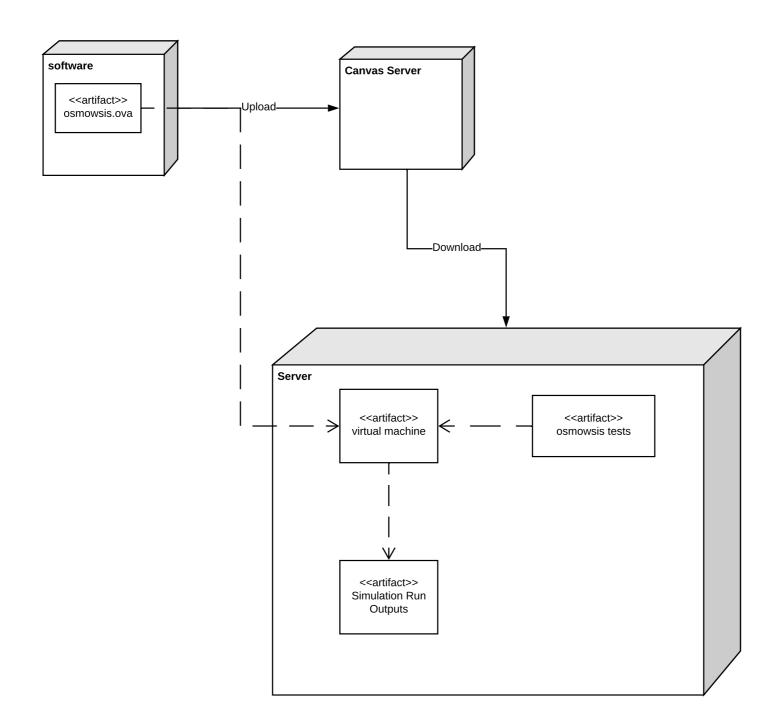
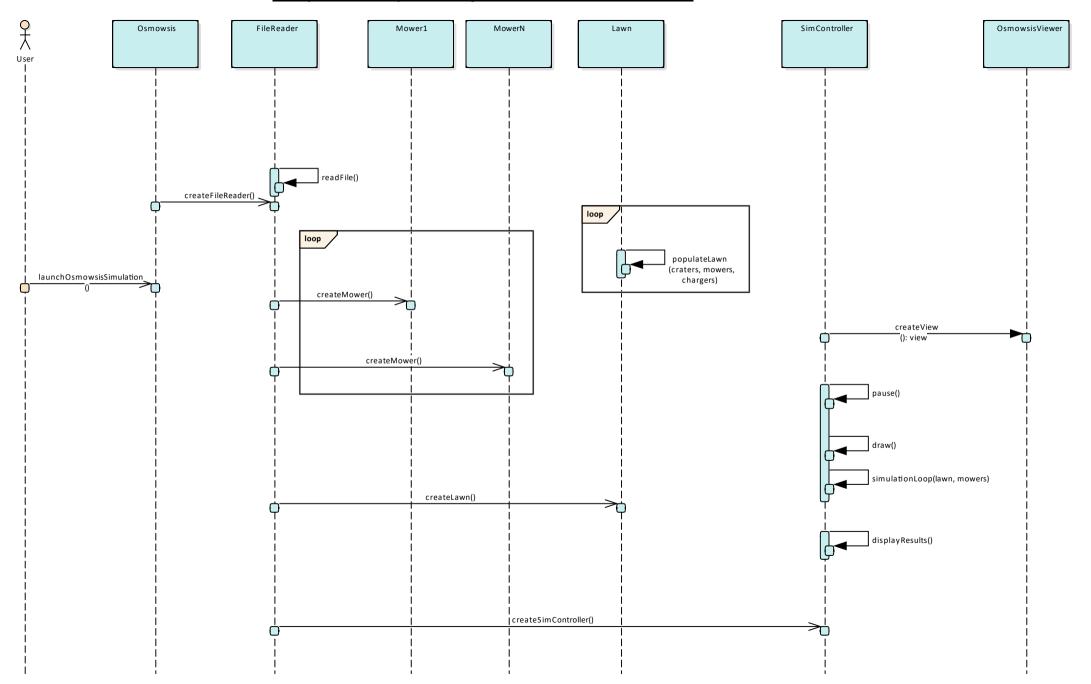
	<u> Group A7-15:</u>
	Sir
	 Lawn: Lawn MAX_TURNS: int OsmowsisViewer: Osn target: Square
	+ basicMove(Mower, Stri + chargingCheck(): void + crashCheck(): void + displayResults(): void + draw(): void + getEnergyDirections(Str + getGrassDirections(Str) + getJawn(): Lawn + getValidDirections(Stri) + goToSquare(Mower, Stri + grassHunter(Mower, Stri + mowerInPath(): boolea + pause(int): void + recharge(Mower, String + simulationLoop(Lawn, + update(): void
	1
Osmowsis - fr: FileReader + main(): void	FileReader + chargingLevel: int + chargingPads: ArrayList <squares> + collisionStalls: int + craters: ArrayList<squares> + MAX_TURNS: int + mowers: ArrayList<mower> 1 + sim: SimController + readFile(String): void</mower></squares></squares>
	1 1
Mower - activeMower: int	
+ hitLastTarget: boolean - individualTurns: int - isCharging: boolean - isMovingForward: boolean - MAX_STALLS: int - mowerDirection: Stirng - mowerIcon: ImageIcon - mowerMark: String - mowerNumber: int + mowerOutput: String + nextTarget: Square + relativeX: int - relativeY: int - stallCount: int - state: String - stepCount: int + stuckCount: int + stuckCount: int + stuckInPlace: boolean - totalTurns: int - x_pos: int	1* - chargePadMarker: Strin - COLUMNS: int - craterMarker: String - descriptionToMarker: H - directionMap: Map <stri +="" -="" directiontolmage:="" directiontolndex:="" emptymarker:="" getsquaremarker(int,="" grassmarker:="" h="" in<="" indextodirection:="" int="" map<="" markertodescription:="" oppositedirectionmap:="" rows:="" string="" td=""></stri>
+ addScannedSquares(String): void + displayDiscoveredSquares(): void + getNextTarget(): Square + markSquares(): void + memScan(): String + move(int, String): void + moveOnce(String): void + optimalScan(): String + printMemScan(String): void + printScan(String): void + scan(): String + stuckCheck(): void	Discovers





Group A7-15: SequenceDiagram CS6310 UML Version 2.0



Group A7-15: Use Case Diagram UML Version 2.0

