

## GameController

- backBtn: Button

- boardNameLabel: Label

- gameGrid: GridPane

+ initialize(): void

+ handleBackBtn(): void

+ updateBoard(): void

+ addEntityImages(StackPane, St

## LevelS

- boards: ArrayLis

- startIndex: int

- boardType: Strir

- levelsPane: Pan

- levelsGrid: Gridl

- backBtn: Button

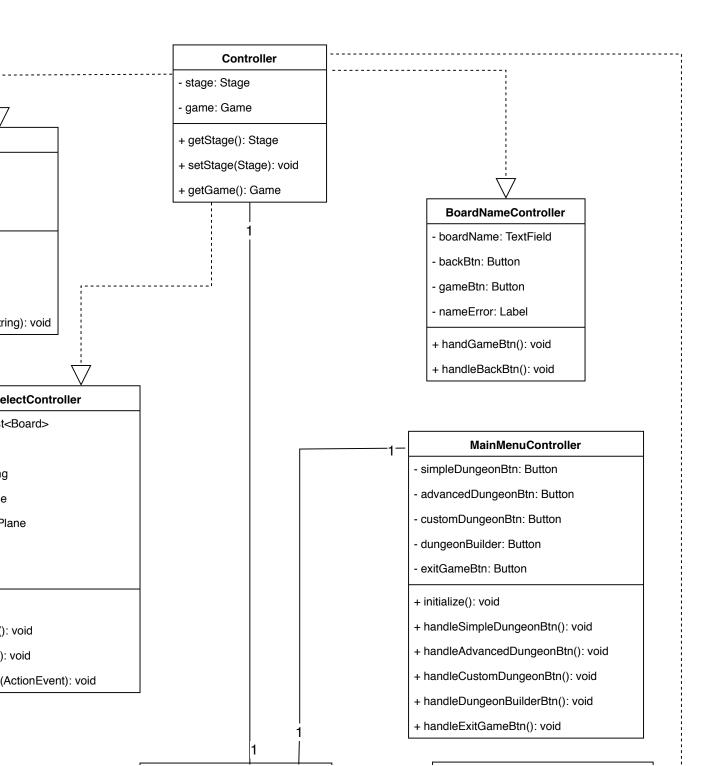
- nextBtn: Button

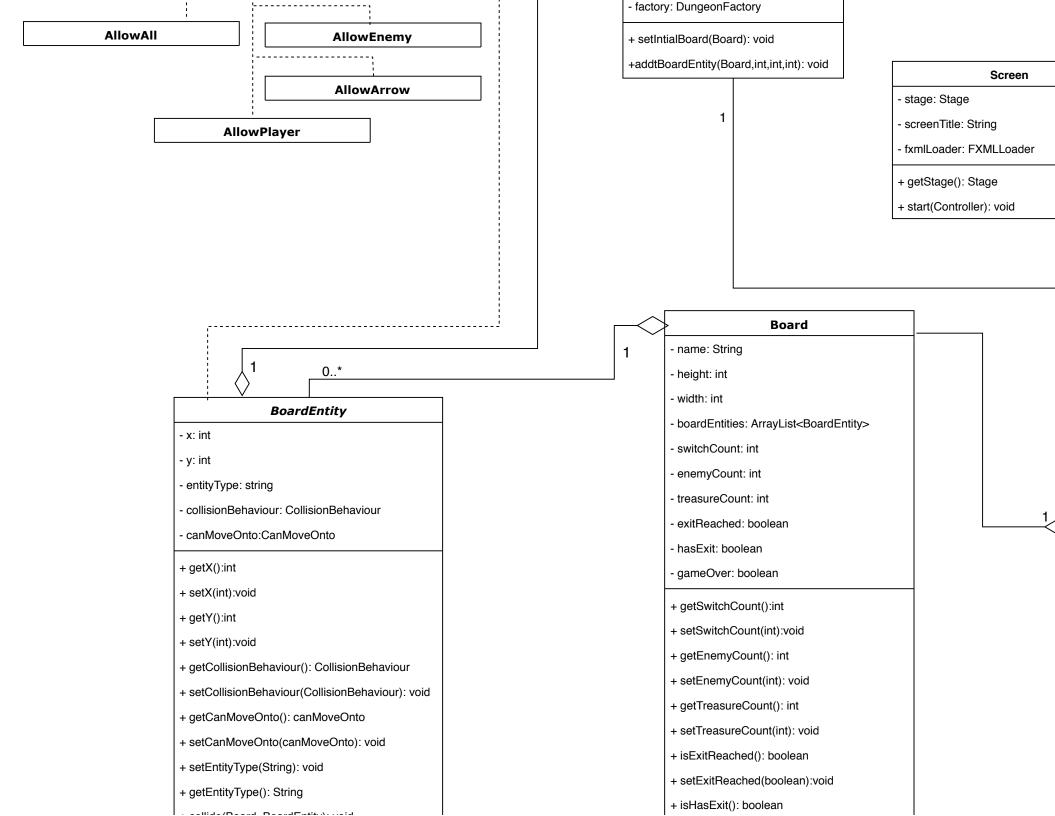
+ initialize(): void

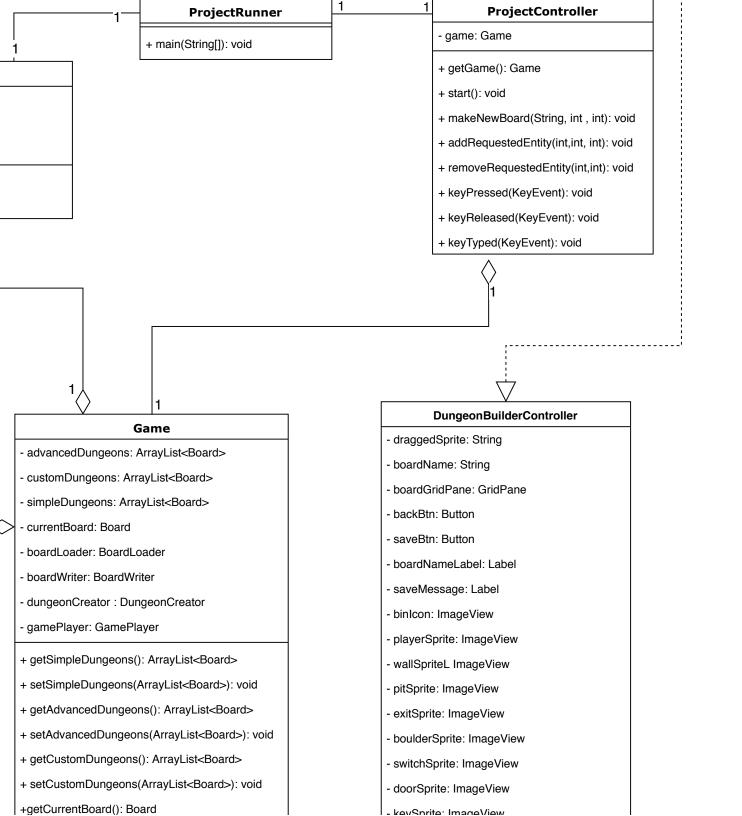
+ handleBackBtn

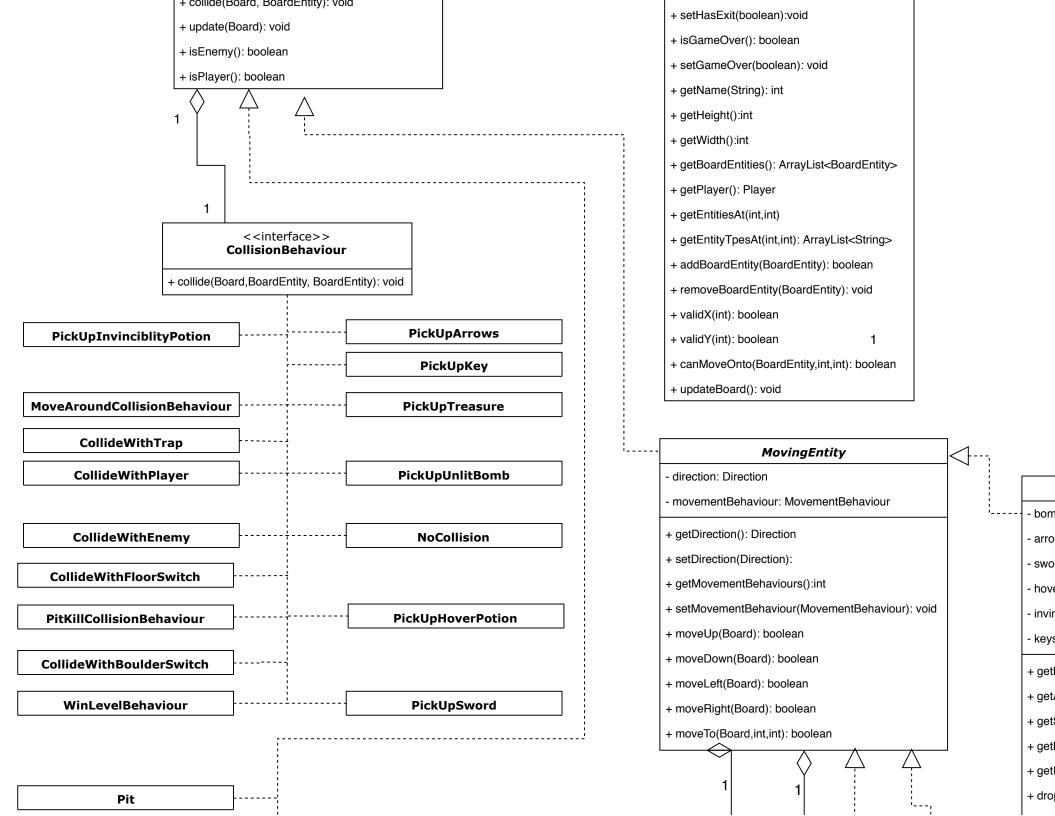
+ handleNextBtn(

+ handleLevelBtn

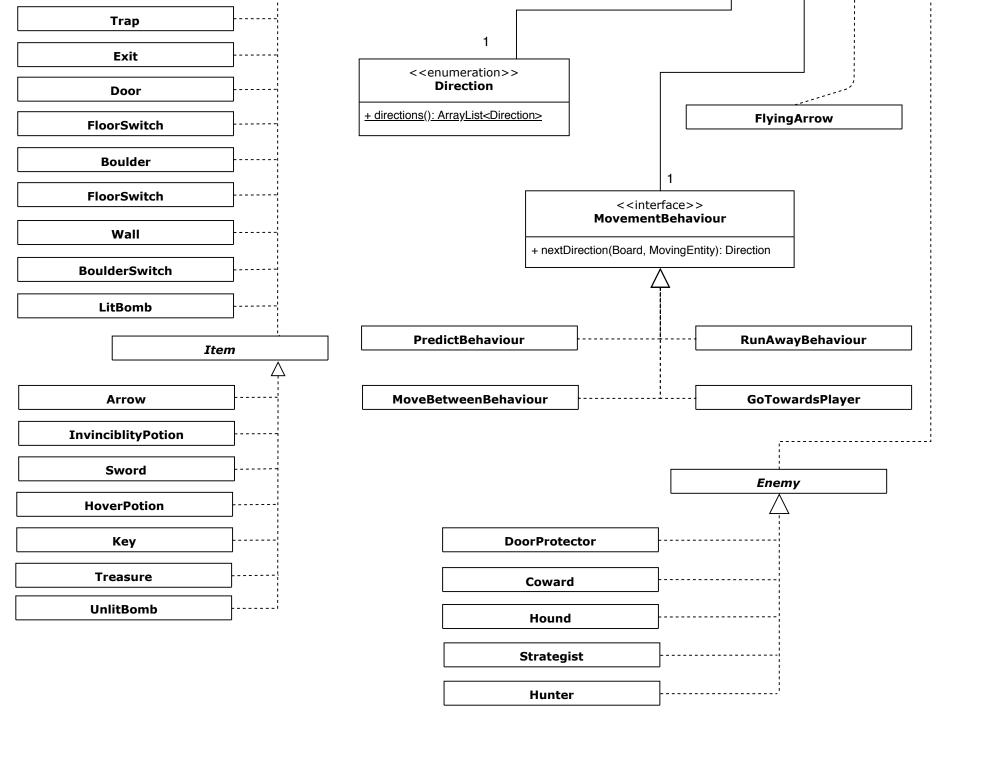








				Reyophie. Imageview
+setCurrentBoard(Board): void				- treasureSprite: ImageView
+ setGamePlayer(GamePlayer): vo	id			- bombSprite: ImageView
+getGamePlayer(): GamePlayer				- swordSprite: ImageView
+boardsEmpty(): boolean				- hunterSprite: ImageView
+createNewBoard(String,int,int): vo	id			- arrowSprite: ImageView
+checkBoardName(String): boolear	า			- houndSprite: ImageView
+ addEntityToBoard(int,int,int): void				- strategistSprite: ImageView
+ removeEntitiesAt(int,int): void				-cowardSprite: ImageView
+ getCustomDungeonsByName(): E	Board			- ipSprite: ImageView
+ saveCustomBoard(int): void				- hpSprite: ImageView
+ loadAllBoards(): void				+ getDraggedSprite(String): void
+ loadBoards(String): void				+ setDraggedSprite(String): void
- getLevel(int): boolean				+dragDetected(MouseEvent, ImageView): void
+ startGame(int): void				+dragPlacedItem(MouseEvent, ImageView): vo
+ shootArrow(): boolean				+ addEntity(ImageView, StackPane): void
+ dorpBomb(): void				+ initialise(): void
+ movePlayer(String):boolean				+ handleSaveBtn(): void
+ newTurn(): void				+ handleBackBtn(): void
	$\Diamond$ $\langle$	$\langle \rangle$	$\rangle$	+ dragOver(DragEvent): void
Player	1	) <sub>1</sub>	1	+ dragDropped(DragEvent): void
ıbs: int				
ws: int				+ dragOverBin(DragEvent): void
rds: int				+ dragDroppedBin(DragEvent): void
er: boolean				+ dragDetectedArrow(MouseEvent): void
ncibleTime: int				+ dragDetectedBomb(MouseEvent): void
s: ArrayList <integer></integer>				+ dragDetectedBoulder(MouseEvent) void
Bombs():int				+ dragDetectedCoward(MouseEvent): void
Arrows():int				+ dragDetectedDoor(MouseEvent): void
Swords():int				+ dragDetectedExit(MouseEvent): void
Bombs():int				+ dragDetectedHound(MouseEvent): void
InvincibleTime():int				+ dragDetectedHp(MouseEvent): void
pBomb(Board): boolean				+ dragDetectedHunter(MouseEvent): void
2505(Bodia). Boolouii				+ dragDetectedIp(MouseEvent): void



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+ upo

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- num

- num

- num

+ getE + setE

+ drop

+ shoo

+ mov

+ getN

+ getN

+ getN

