

MainModel	
Responsibilities	Collaborators
<ul style="list-style-type: none"> Initialize bag Pick next Tetrimino Lock active Tetrimino Hold active Tetrimino Move active Tetrimino Instant-drop active Tetrimino Rotate active Tetrimino 	<ul style="list-style-type: none"> GameBoard Tetrimino TShape Direction

TetrisMain	
Responsibilities	Collaborators
<ul style="list-style-type: none"> Launch Game 	<ul style="list-style-type: none"> MainModel MainView MainController

MainView	
Responsibilities	Collaborators
<ul style="list-style-type: none"> Render game screen Render next Tetrimino preview Render held Tetrimino preview Render high scores screen Render menu screen 	<ul style="list-style-type: none"> MainController GameBoardComponent TetriminoPreviewComponent TetriminoComponent ScoreBoardComponent BasicTetrisState PixelDimension

MainController	
Responsibilities	Collaborators
<ul style="list-style-type: none"> Interperet user input Distribute control Manage game clock Update BasicTetrisStates Pass render responsibilities back to model 	<ul style="list-style-type: none"> MainModel MainView BasicTetrisState State KeyMap Direction

BasicTetrisState	
Responsibilities	Collaborators
<ul style="list-style-type: none"> Pass rendering responsibility to MainController Contain necessary graphics/sounds 	<ul style="list-style-type: none"> MainController

Tetrimino	
Responsibilities	Collaborators
<ul style="list-style-type: none"> Contain 4 Blocks in a specific shape 	<ul style="list-style-type: none"> Block TShape

TetriminoComponent	
Responsibilities	Collaborators
<ul style="list-style-type: none"> Render a Tetrimino 	<ul style="list-style-type: none"> Tetrimino

TetriminoPreviewComponent	
Responsibilities	Collaborators
<ul style="list-style-type: none"> Render a Tetrimino preview 	<ul style="list-style-type: none"> Tetrimino

ScoreBoardComponent	
Responsibilities	Collaborators
<ul style="list-style-type: none"> Render a ScoreBoard 	<ul style="list-style-type: none"> ScoreBoard

TetriminoComponent	
Responsibilities	Collaborators
<ul style="list-style-type: none"> Render a Tetrimino 	<ul style="list-style-type: none"> Tetrimino