

# Software Requirements Specifications

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# Functional requirements

## 1 System

### 1.1 The user starts the application

<b>ID</b>	1.1
<b>Use case/Scenario</b>	The user starts the application
<b>Trigger</b>	The user launches the application
<b>Precondition</b>	The user is able to start the application (Req 10.1)

**Basic path**  
The application starts.

**Exception path**  
-

**Post condition**  
The application is running.

**Authors** Christoffer, Andreas & Gustav

### 1.2 The user exits the application

<b>ID</b>	1.2
<b>Use case/Scenario</b>	The user exits the application
<b>Trigger</b>	The user exits the application
<b>Precondition</b>	The user is able to exit the application (Req 10.2)

**Basic path**  
The application stops.

**Exception path**  
-

**Post condition**  
The application is not running.

**Authors** Christoffer, Andreas & Gustav

### 1.3 Show main menu on startup

<b>ID</b>	1.3
<b>Use case/Scenario</b>	Show menu on startup
<b>Trigger</b>	-
<b>Precondition</b>	The application is started (Req 1.1)
The main menu activity exists (Req 5.1)	
<b>Basic path</b>	
The main menu activity starts.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The main menu activity is started.	
<b>Authors</b>	Christoffer, Andreas & Gustav

## 2 Initiation

### 2.1 Add a ball

<b>ID</b>	2.1
<b>Use case/Scenario</b>	Add a ball
<b>Trigger</b>	The player starts a new game
<b>Precondition</b>	-

**Basic path**  
The ball is rendered on the screen.

**Exception path**  
-

**Post condition**  
The ball is visible to the player.

**Authors** Christoffer, Andreas & Gustav

### 2.2 Add virtual arrows

<b>ID</b>	2.2
<b>Use case/Scenario</b>	Add virtual arrows
<b>Trigger</b>	The player starts a new game
<b>Precondition</b>	Debugging mode for development stage is activated

**Basic path**  
Four arrows, one for each direction the ball is meant to move in, are rendered in the bottom-right corner.

**Exception path**  
-

**Post condition**  
The arrows are visible to the player.

**Authors** Christoffer, Andreas & Gustav

## 2.3 Add a playing board

<b>ID</b>	2.3
<b>Use case/Scenario</b>	Add a playing board
<b>Trigger</b>	The player starts a new game
<b>Preconditions</b>	-

### **Basic path**

A playing board is rendered and shown.

### **Exception path**

The board might render in front of other rendered objects.

### **Post condition**

The playing board is visible to the player.

<b>Author</b>	Christoffer, Andreas & Gustav
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## 2.4 Add one wall

<b>ID</b>	2.4
<b>Use case/Scenario</b>	Add one wall
<b>Trigger</b>	The player starts a new game
<b>Preconditions</b>	Debugging mode for development stage is activated The board is rendered (Req 2.3)

### **Basic path**

A wall is rendered and shown.

### **Exception path**

The wall is rendered behind the playing board.

### **Post condition**

A wall is visible to the player.

<b>Author</b>	Christoffer, Andreas & Gustav
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## 2.5 Add walls shaped like a maze

<b>ID</b>	2.5
<b>Use case/Scenario</b>	Add walls shaped like a maze
<b>Trigger</b>	The player starts a new game
<b>Preconditions</b>	The board is rendered (Req 2.3)

### Basic path

Walls are rendered around the playing field and inside the playing field shaped as a maze.

### Exception path

The walls are rendered behind the playing board.

### Post condition

Walls are visible to the player and a track shaped as a maze has been created.

<b>Author</b>	Christoffer, Andreas & Gustav
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## 2.6 Add sink holes

<b>ID</b>	2.6
<b>Use case/Scenario</b>	Add sink holes
<b>Trigger</b>	The player starts a new game
<b>Preconditions</b>	The board is rendered (Req 2.3)

### Basic path

Sink holes are added to the playing field.

### Exception path

The holes are created at the same place as a wall, behind the playing field or on another hole.

### Post condition

The sink holes is visible to the player.

<b>Author</b>	Christoffer, Andreas & Gustav
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## 2.7 Add a final hole

<b>ID</b>	2.7
<b>Use case/Scenario</b>	Add a final hole
<b>Trigger</b>	The player starts a new game
<b>Preconditions</b>	The board is rendered (Req 2.3)

### **Basic path**

A hole is added to the playing field.

### **Exception path**

The hole is created at the same place as a wall, behind the playing field or on another hole.

### **Post condition**

The final hole is visible to the player.

<b>Author</b>	Christoffer, Andreas & Gustav
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## 3 Steering

### 3.1 Steer the ball using keys

<b>ID</b>	3.1
<b>Use case/Scenario</b>	Steer the ball using keys
<b>Trigger</b>	The player wants to move the ball
<b>Precondition</b>	The ball is added (Req 2.1)

**Basic path**

The ball moves upwards when volume up is pressed, downwards when volume down is pressed.

**Exception path**

-

**Post condition**

The ball is moved in the chosen direction.

**Authors** Christoffer, Andreas & Gustav

### 3.2 Steer the ball using virtual keys

<b>ID</b>	3.2
<b>Use case/Scenario</b>	Steer the ball using virtual keys
<b>Trigger</b>	The player wants to move the ball
<b>Precondition</b>	The ball is added (Req 2.1) The virtual arrows are added (Req 2.2)

**Basic path**

The player press the appropriate key.

**Exception path**

-

**Post condition**

The ball is moved in the direction implied by the arrow used.

**Authors** Christoffer, Andreas & Gustav

### 3.3 Steer the ball using the accelerometer

<b>ID</b>	3.3
<b>Use case/Scenario</b>	Steer the ball using the accelerometer
<b>Trigger</b>	The player wants to move the ball
<b>Precondition</b>	The ball is added (Req 2.1)

**Basic path**

The player tilt the phone in a chosen direction.

**Exception path**

-

**Post condition**

The ball is moved in the chosed direction.

**Authors**

Christoffer, Andreas & Gustav

## 4 Interaction

### 4.1 Have ball interact with tilt of device

<b>ID</b>	4.1
<b>Use case/Scenario</b>	Have ball interact with tilt of device
<b>Trigger</b>	The player tilts the device
<b>Precondition</b>	The ball is added (Req 2.1) The ball can be steered with the accelerometer (Req 3.3)

**Basic path**

The device is tilted in either direction.

**Exception path**

-

**Post condition**

The ball moves in the direction and speed decided by the tilt of the device.

**Authors** Christoffer, Andreas & Gustav

### 4.2 Have ball interact with wall

<b>ID</b>	4.2
<b>Use case/Scenario</b>	Have ball interact with wall
<b>Trigger</b>	The ball is moved towards the wall
<b>Precondition</b>	The ball is added (Req 2.1) A wall is added (Req 2.4 or 2.5)

**Basic path**

The ball hits the wall.

**Exception path**

-

**Post condition**

The ball is stopped by the wall.

**Authors** Christoffer, Andreas & Gustav

### 4.3 Have ball interact with a sink hole

<b>ID</b>	4.3
<b>Use case/Scenario</b>	Have ball interact with a hole
<b>Trigger</b>	The ball is moved on top of the hole
<b>Precondition</b>	The ball is added (Req 2.1) A hole is added (Req 2.6)

**Basic path**

The ball ends up on top of the hole.

**Exception path**

-

**Post condition**

The ball is eaten up by an invincible invisible monster!

**Authors**

Christoffer, Andreas & Gustav

### 4.4 Have ball interact with the final hole

<b>ID</b>	4.4
<b>Use case/Scenario</b>	Have ball interact with the final hole
<b>Trigger</b>	The ball is moved on top of the hole
<b>Precondition</b>	The ball is added (Req 2.1) The finish hole is added (Req 2.7)

**Basic path**

The ball ends up on top of the hole.

**Exception path**

-

**Post condition**

The current game ends.

**Authors**

Christoffer, Andreas & Gustav

## 4.5 No sleep mode while active game

<b>ID</b>	4.5
<b>Use case/Scenario</b>	The device screen shall never go into sleep mode while playing
<b>Trigger</b>	A new game is started
<b>Precondition</b>	-
<b>Basic path</b>	-
<b>Exception path</b>	-
<b>Post condition</b>	The game is run without interrupts from sleep mode.
<b>Authors</b>	Christoffer, Andreas & Gustav

## 4.6 Landscape view while in active game

<b>ID</b>	4.6
<b>Use case/Scenario</b>	The application will only make use of landscape view while in playing mode
<b>Trigger</b>	A game is started
<b>Precondition</b>	-
<b>Basic path</b>	The screen initiates landscape mode.
<b>Exception path</b>	-
<b>Post condition</b>	The current game is run in landscape mode.
<b>Authors</b>	Christoffer, Andreas & Gustav

## 5 Activities

### 5.1 Main menu

<b>ID</b>	5.1
<b>Use case/Scenario</b>	Show main menu
<b>Trigger</b>	The main menu is requested
<b>Precondition</b>	-

**Basic path**  
The main menu activity starts.

**Exception path**

**Post condition**  
The main menu is shown for the user, containing (Req 5.1.1), (Req 5.1.2), (Req 5.1.3) and (Req 5.1.4).

**Authors** Christoffer, Andreas & Gustav

#### 5.1.1 New game

<b>ID</b>	5.1.1
<b>Use case/Scenario</b>	The main menu shall be able to start a new game
<b>Trigger</b>	The "New Game" button in the main menu is pressed
<b>Precondition</b>	The main menu is shown (Req 5.1)

**Basic path**  
A new game is initiated.

**Exception path**  
-

**Post condition**  
A new game is started.

**Authors** Christoffer, Andreas & Gustav

### 5.1.2 Highscore

<b>ID</b>	5.1.2
<b>Use case/Scenario</b>	The main menu shall be able to show the highscores
<b>Trigger</b>	The "Highscore" button in the main menu is pressed
<b>Precondition</b>	The main menu is shown (Req 5.1)
The high score activity exists (Req 5.3)	
<b>Basic path</b>	
The highscore activity is initiated.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The highscore activity is started.	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 5.1.3 Settings

<b>ID</b>	5.1.3
<b>Use case/Scenario</b>	The main menu shall be able to show the settings
<b>Trigger</b>	The "Settings" button in the main menu is pressed
<b>Precondition</b>	The main menu is shown (Req 5.1)
The high score activity exists (Req 5.2)	
<b>Basic path</b>	
The settings activity is initiated.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The settings activity is started.	
<b>Authors</b>	Christoffer, Andreas & Gustav



#### 5.1.4 Exit

<b>ID</b>	5.1.4
<b>Use case/Scenario</b>	The main menu shall be able to exit the application
<b>Trigger</b>	The "Exit" button in the main menu is pressed
<b>Precondition</b>	The main menu is shown (Req 5.1)
The user is able to exit the application (Req 10.2)	
<b>Basic path</b>	
The application stops.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The application is not running.	
<b>Authors</b>	Christoffer, Andreas & Gustav

#### 5.2 Settings menu

<b>ID</b>	5.2
<b>Use case/Scenario</b>	Show the settings menu
<b>Trigger</b>	The settings menu is requested
<b>Precondition</b>	-
<b>Basic path</b>	
The settings menu activity starts.	
<b>Exception path</b>	
<b>Post condition</b>	
The settings menu is shown for the user, containing (Req 5.2), (Req 5.2.2) and (Req 5.2.3).	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 5.2.1 Sound

<b>ID</b>	5.2.1
<b>Use case/Scenario</b>	The user shall be able to turn the sound on and off
<b>Trigger</b>	The sound switch state is changed
<b>Precondition</b>	The settings menu is shown (Req 5.2)

#### **Basic path**

The sound changes to the state of the switch.

#### **Exception path**

-

#### **Post condition**

The sound is changed to the state of the switch.

<b>Authors</b>	Christoffer, Andreas & Gustav
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### 5.2.2 Ball

<b>ID</b>	5.2.2
<b>Use case/Scenario</b>	The user shall be able to change the color of the ball
<b>Trigger</b>	A different color is chosen for the ball
<b>Precondition</b>	The settings menu is shown (Req 5.2)

#### **Basic path**

The ball color changes to the chosen color.

#### **Exception path**

-

#### **Post condition**

The ball has the color of choice.

<b>Authors</b>	Christoffer, Andreas & Gustav
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### 5.2.3 Texture

<b>ID</b>	5.2.3
<b>Use case/Scenario</b>	The user shall be able to change the texture of the map
<b>Trigger</b>	A different texture is chosen for the map
<b>Precondition</b>	The settings menu is shown (Req 5.2)
<b>Basic path</b>	
The map texture changes to the texture of choice.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The map has the texture of choice.	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 5.3 High score

<b>ID</b>	5.3
<b>Use case/Scenario</b>	Show the high score list
<b>Trigger</b>	The high score list is requested
<b>Precondition</b>	-
<b>Basic path</b>	
The high score activity starts.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
A high score list is shown, containing (Req: 5.3.1) for each track and a (Req: 5.3.2).	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 5.3.1 Lowest time on track

<b>ID</b>	5.3.1
<b>Use case/Scenario</b>	Show the fastest time on the track
<b>Trigger</b>	-
<b>Precondition</b>	The high score list is shown (Req 5.3)

#### **Basic path**

The fastest time for the track is loaded from the database.

#### **Exception path**

The database cannot be accessed.  
There is no record for the track.

#### **Post condition**

The fastest time for the track is shown.

<b>Authors</b>	Christoffer, Andreas & Gustav
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### 5.3.2 Reset highscores

<b>ID</b>	5.3.2
<b>Use case/Scenario</b>	The user wants to reset all highscores
<b>Trigger</b>	The reset button is clicked
<b>Precondition</b>	The high score list is shown (Req 5.3)

#### **Basic path**

A confirmation dialog for reset appears. The high score list resets if the user clicks yes.

#### **Exception path**

The database cannot be accessed.

#### **Post condition**

The high score list is empty.

<b>Authors</b>	Christoffer, Andreas & Gustav
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## 6 Menus

### 6.1 In-game

<b>ID</b>	6.1
<b>Use case/Scenario</b>	The in-game menu is accessible within an active game
<b>Trigger</b>	The device menu button is pressed while in an active game
<b>Precondition</b>	A game is active
<b>Basic path</b>	
The game pauses.	
The in-game menu is shown.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The game is paused.	
The in-game menu is visible, containing (Req: 6.1.1), (Req: 6.1.2) and (Req: 6.1.3).	
<b>Authors</b>	Christoffer, Andreas & Gustav

#### 6.1.1 Resume

<b>ID</b>	6.1.1
<b>Use case/Scenario</b>	The current game is resumed via the in-game menu
<b>Trigger</b>	The user presses the "Resume" button
<b>Precondition</b>	The in-game menu is shown (Req 6.1.2)
<b>Basic path</b>	
The in-game menu is removed.	
A specified delay is counted down visibly on the screen.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The in-game menu is no longer shown.	
The current game is resumed.	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 6.1.2 Sound

<b>ID</b>	6.1.2
<b>Use case/Scenario</b>	The user shall be able to turn the sound on and off
<b>Trigger</b>	The sound switch state is changed
<b>Precondition</b>	The in-game menu is shown (Req 6.1.2)

#### Basic path

The sound changes to the state of the switch.

#### Exception path

-

#### Post condition

The sound is changed to the state of the switch.

<b>Authors</b>	Christoffer, Andreas & Gustav
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### 6.1.3 End game

<b>ID</b>	6.1.3
<b>Use case/Scenario</b>	The current game can be exited via the in-game menu
<b>Trigger</b>	The "End Game" button is pressed
<b>Precondition</b>	The in-game menu is shown (Req 6.1.2)

#### Basic path

The current game is turned off.  
The main menu activity is requested.

#### Exception path

-

#### Post condition

The main menu is shown.

<b>Authors</b>	Christoffer, Andreas & Gustav
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## 6.2 Finished game

<b>ID</b>	6.2.0
<b>Use case/Scenario</b>	A "Finished Game Menu" will be shown on completion of a map
<b>Trigger</b>	The current game is finished
<b>Precondition</b>	-
<b>Basic path</b>	
The finished game menu is shown.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The finished game menu is visible, containing (Req: 6.2.1), (Req: 6.2.2), (Req: 6.2.3) and (Req: 6.2.4).	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 6.2.1 Completion time

<b>ID</b>	6.2.1
<b>Use case/Scenario</b>	The user will be shown the completion time of the map
<b>Trigger</b>	-
<b>Precondition</b>	The finished game menu is shown (Req 6.2)
<b>Basic path</b>	
If completion time is faster than current high score time for the finished map, the completion time is registered as the new high score time.	
The completion time of the map is shown.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
If completion time is faster than current high score time for the finished map, the completion time is stored as the new high score time.	
The completion time of the map is visible.	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 6.2.2 Next map

<b>ID</b>	6.2.2
<b>Use case/Scenario</b>	The next map can be started from the finished game menu
<b>Trigger</b>	The "Next Map" button is pressed
<b>Precondition</b>	The finished game menu is shown (Req 6.2)

#### **Basic path**

A new game with the next map is initiated.

#### **Exception path**

There is no next map.

#### **Post condition**

The new game with the next map is started.

<b>Authors</b>	Christoffer, Andreas & Gustav
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### 6.2.3 Retry

<b>ID</b>	6.2.3
<b>Use case/Scenario</b>	The previous game can be retried from the "Finished Game Menu"
<b>Trigger</b>	The "Retry" button is pressed
<b>Precondition</b>	The finished game menu is shown (Req 6.2)

#### **Basic path**

The previous game is re-initiated.

#### **Exception path**

-

#### **Post condition**

The new game is started.

<b>Authors</b>	Christoffer, Andreas & Gustav
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#### 6.2.4 Main menu

**ID**

6.2.4

**Use case/Scenario**

The main menu can be reached from the finished game menu

**Trigger**

The "Main Menu" button is pressed

**Precondition**

The finished game menu is shown (Req 6.2)

**Basic path**

The current game is turned off.

The main menu activity is requested.

**Exception path**

-

**Post condition**

The main menu is shown.

**Authors**

Christoffer, Andreas & Gustav

## 7 Sound

### 7.1 Collision

<b>ID</b>	7.1
<b>Use case/Scenario</b>	Play sound on collision between ball and wall
<b>Trigger</b>	The ball collides with the wall (Req: 4.2)
<b>Precondition</b>	The sound is turned on
<b>Basic path</b>	
The collision sound starts playing.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The collision sound is played.	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 7.2 Sink hole

<b>ID</b>	7.2
<b>Use case/Scenario</b>	Play sound when ball falls into sink hole
<b>Trigger</b>	The ball falls into a sink hole (Req: 4.3)
<b>Precondition</b>	The sound is turned on
<b>Basic path</b>	
The sink hole sound starts playing.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The sink hole sound is played.	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 7.3 Final hole

<b>ID</b>	7.3
<b>Use case/Scenario</b>	Play sound when ball falls into final hole
<b>Trigger</b>	The ball falls into the final hole (Req: 4.4)
<b>Precondition</b>	The sound is turned on
<b>Basic path</b>	
The final hole sound starts playing.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The final hole sound is played.	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 7.4 New high score

<b>ID</b>	7.4
<b>Use case/Scenario</b>	Play sound when new high score is set
<b>Trigger</b>	A new high score is set
<b>Precondition</b>	The sound is turned on
<b>Basic path</b>	
The new high score sound starts playing.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The new high score sound is played.	
<b>Authors</b>	Christoffer, Andreas & Gustav

## 8 Vibration

### 8.1 Collision

<b>ID</b>	8.1
<b>Use case/Scenario</b>	Vibrate on collision between ball and wall
<b>Trigger</b>	The ball collides with the wall (Req: 4.2)
<b>Precondition</b>	The device shall have a vibrator (Req: 9.3)
The device vibration is turned on	
<b>Basic path</b>	
The device starts vibrate.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The device is vibrating.	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 8.2 Sink hole

<b>ID</b>	8.2
<b>Use case/Scenario</b>	Vibrate when ball falls into sink hole
<b>Trigger</b>	The ball falls into a sink hole (Req: 4.3)
<b>Precondition</b>	The device shall have a vibrator (Req: 9.3)
The device vibration is turned on	
<b>Basic path</b>	
The device starts vibrate.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The device is vibrating.	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 8.3 Final hole

<b>ID</b>	8.3
<b>Use case/Scenario</b>	Vibrate when ball falls into final hole
<b>Trigger</b>	The ball falls into the final hole (Req: 4.4)
<b>Precondition</b>	The device shall have a vibrator (Req: 9.3)
The device vibration is turned on	
<b>Basic path</b>	
The device starts vibrate.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The device is vibrating.	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 8.4 New high score

<b>ID</b>	8.4
<b>Use case/Scenario</b>	Vibrate when new high score is set
<b>Trigger</b>	A new high score is set
<b>Precondition</b>	The device shall have a vibrator (Req: 9.3)
The device vibration is turned on	
<b>Basic path</b>	
The device starts vibrate.	
<b>Exception path</b>	
-	
<b>Post condition</b>	
The device is vibrating.	
<b>Authors</b>	Christoffer, Andreas & Gustav

## Non-functional requirements

### 9 Device

#### 9.1 The device shall support Android 2.1

<b>ID</b>	9.1
<b>Use case/Scenario</b>	The device shall support Android 2.1
<b>Trigger</b>	-
<b>Precondition</b>	The device is running Android 2.1 or later
<b>Basic path</b>	-
<b>Exception path</b>	-
<b>Post condition</b>	-
<b>Authors</b>	Christoffer, Andreas & Gustav

#### 9.2 The device shall have an accelerometer

<b>ID</b>	9.2
<b>Use case/Scenario</b>	The device shall have an accelerometer
<b>Trigger</b>	-
<b>Precondition</b>	-
<b>Basic path</b>	-
<b>Exception path</b>	-
<b>Post condition</b>	-
<b>Authors</b>	Christoffer, Andreas & Gustav

### 9.3 The device shall have a vibrator

<b>ID</b>	9.3
<b>Use case/Scenario</b>	The device shall have a vibrator
<b>Trigger</b>	-
<b>Precondition</b>	-
<b>Basic path</b>	-
<b>Exception path</b>	-
<b>Post condition</b>	-
<b>Authors</b>	Christoffer, Andreas & Gustav

### 9.4 The device shall have a touchscreen

<b>ID</b>	9.4
<b>Use case/Scenario</b>	The device shall have a touchscreen
<b>Trigger</b>	-
<b>Precondition</b>	-
<b>Basic path</b>	-
<b>Exception path</b>	-
<b>Post condition</b>	-
<b>Authors</b>	Christoffer, Andreas & Gustav

## 10 Application

### 10.1 The user shall be able to start the application

<b>ID</b>	10.1
<b>Use case/Scenario</b>	The user shall be able to start the application
<b>Trigger</b>	-
<b>Precondition</b>	-
<b>Basic path</b>	-
<b>Exception path</b>	-
<b>Post condition</b>	
The user is able to start the application.	
<b>Authors</b>	Christoffer, Andreas & Gustav

### 10.2 The user shall be able to exit the application

<b>ID</b>	10.2
<b>Use case/Scenario</b>	The user shall be able to exit the application
<b>Trigger</b>	-
<b>Precondition</b>	-
<b>Basic path</b>	-
<b>Exception path</b>	-
<b>Post condition</b>	
The user is able to exit the application.	
<b>Authors</b>	Christoffer, Andreas & Gustav



### 10.3 The application shall have access to the devices accelerometer

<b>ID</b>	10.3
<b>Use case/Scenario</b>	The application shall have access to the devices accelerometer
<b>Trigger</b>	-
<b>Precondition</b>	The device shall have an accelerometer (Req 9.2)

#### **Basic path**

The application requires access to the accelerometer.

#### **Exception path**

Access to the accelerometer is not granted.

#### **Post condition**

The application can make use of the accelerometer.

**Authors** Christoffer, Andreas & Gustav

### 10.4 The application shall only make use of the English language

<b>ID</b>	10.4
<b>Use case/Scenario</b>	The application shall only make use of the English language
<b>Trigger</b>	-
<b>Precondition</b>	-

#### **Basic path**

-

#### **Exception path**

The wrong language is used.

#### **Post condition**

The English language is used consistently throughout the interface of the application.

**Authors** Christoffer, Andreas & Gustav