

kFortune, the Kindle Fortunetelling App

Specification, v1.0



Contents

1. Summary	2
2. Content Acquisition.....	2
3. Importance of Key App/UI Features	3
4. Application Flow	4
5. Fortunetelling Modes.....	4
5.1. Zoltar Predicts	4
5.2. Fortune Cookie	5
5.3. Mystic Pyramid	5
6. Screen Specifications	6
6.1. Splash Screen	6
6.2. Main Menu Screen.....	7
6.3. Menu Key Menu Dialog	9
6.4. Zoltar Predicts Start Screen	11
6.5. Zoltar Predicts Results Screen	13
6.6. Fortune Cookie Start Screen.....	14
6.7. Fortune Cookie Results Screen	15
6.8. Mystic Pyramid Start Screen.....	16
6.9. Mystic Pyramid Results Screen	17
6.10. Help Screen.....	18
6.11. About Screen.....	19

1. Summary

kFortune (working title only) is a fortunetelling application for the Kindle. Key considerations for the design are:

- Very rapid implementation.
- Fortunetelling fun. The application design supports several modes of fortunetelling, so that users have a variety of interesting things to do: Zoltar Predicts, Fortune Cookie, and Mystic Pyramid.
- Content acquisition.

2. Content Acquisition

The design is based on having text-based content. Sufficient content needs to be obtained for the Zoltar Predicts and Fortune Cookie modes:

- Zoltar Predicts needs a set of predictions on popular fortunetelling topics: Love, Career, Friendship, Money, and Life.
- Fortune Cookie needs a set of sayings like those found in fortune cookies.

The type of content we actually obtain may require some revision to the design (e.g., if the content for Zoltar does not support different fortunetelling categories).

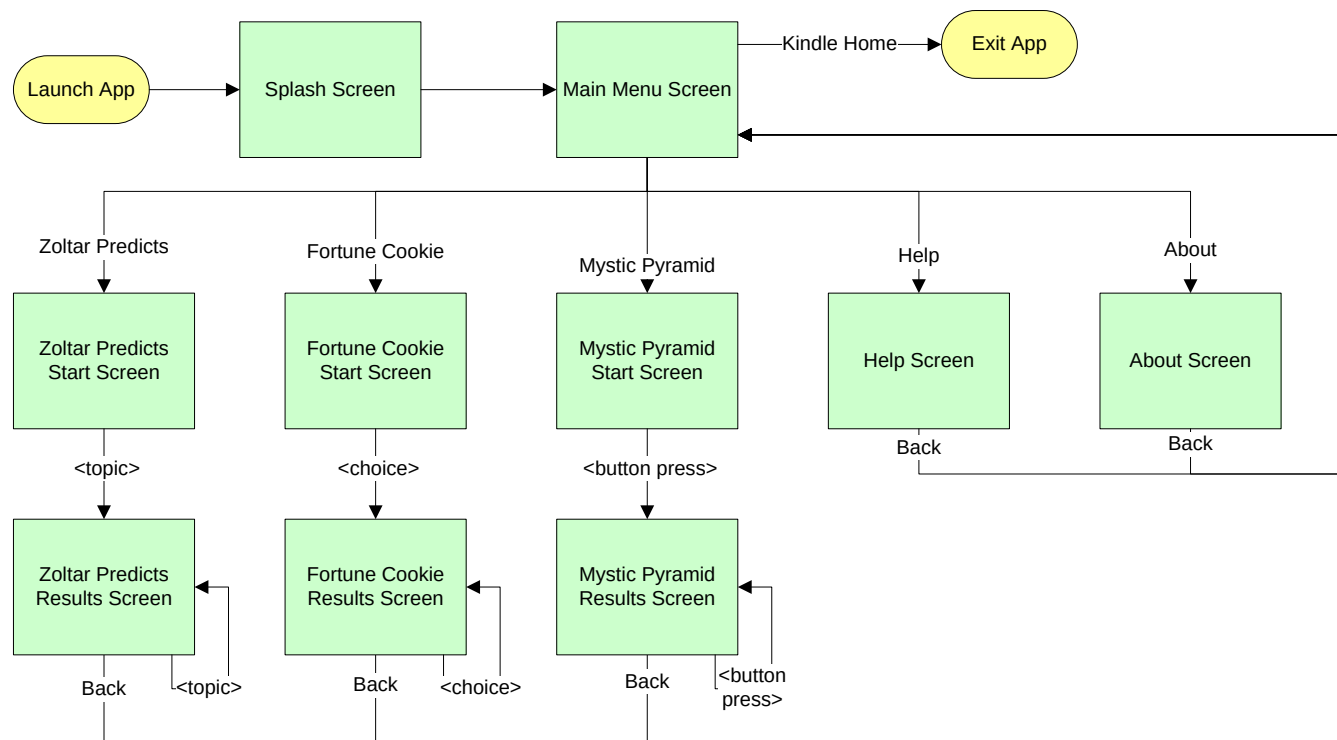
We have our own content for the Mystic Pyramid mode.

3. Importance of Key App/UI Features

Importance is rated on a scale from 10 (critical, must have) to 1 (least important).

<i>Feature</i>	<i>Importance</i>
Splash screen	10
Zoltar Predicts screens	10
Fortune Cookie screens	10
Mystic Pyramid screens	10
Main Menu	10
Help screen	10
About screen	10
Exit App	10
Menu Key Menu	10 – static 1 - dynamic

4. Application Flow



Menu Key

Zoltar Screens

Fortune Cookie	Close
Mystic Pyramid	
Help	
About	
Kindle Home	

Cookie Screens

Zoltar Predicts	Close
Mystic Pyramid	
Help	
About	
Kindle Home	

Pyramid Screens

Zoltar Predicts	Close
Fortune Cookie	
Help	
About	
Kindle Home	

Main Menu Screen

Zoltar Predicts	Close
Fortune Cookie	
Mystic Pyramid	
Help	
About	
Kindle Home	

Help Screen

Zoltar Predicts	Close
Fortune Cookie	
Mystic Pyramid	
About	
Kindle Home	

About Screen

Zoltar Predicts	Close
Fortune Cookie	
Mystic Pyramid	
Help	
Kindle Home	

5. Fortunetelling Modes

5.1. Zoltar Predicts

Zoltar the fortuneteller looks into his crystal ball and predicts the user's future on one of these topics: Love, Career, Friendship, Money, and Life (topics depend upon the content we will be able to obtain). Zoltar makes one prediction in each requested topic **per day**. Asking the same topic twice in the day will get the same prediction but with a notice to come back tomorrow for a new prediction.

Graphically, we can a picture of Zoltar and a crystal ball for the start screen, with the results screen being a large crystal ball with the prediction in it.

Predictions are randomly chosen from Zoltar's database for the topic. (Unlike kTrivia, there seems to be no strong need to display all predictions once before repeating any.)

5.2. Fortune Cookie

Fortune Cookie is inspired by actual Chinese fortune cookies given out in many Chinese restaurants. The start screen shows the user a graphical 3x3 grid of cookies and prompts the user to choose one. The results screen shows the cookie broken open and a piece of paper with the fortune on it.

The app throttles the number of fortunes the user can get per day: no more than 3 per day. This makes the content last longer and the app retain interest longer.

5.3. Mystic Pyramid

Mystic Pyramid works like the Magic 8-Ball toy but uses a mystical, Egyptian-themed pyramid context (pyramids are always hot for occult practitioners). The user is instructed to think a question "with great reverence and intent" and then presses a button to get the pyramid's answer. The pyramid randomly pulls an answer from its database of answers like in the Magic 8-Ball.

We do throttle access to this content; users can ask any number of questions, just like with the Magic 8-Ball.

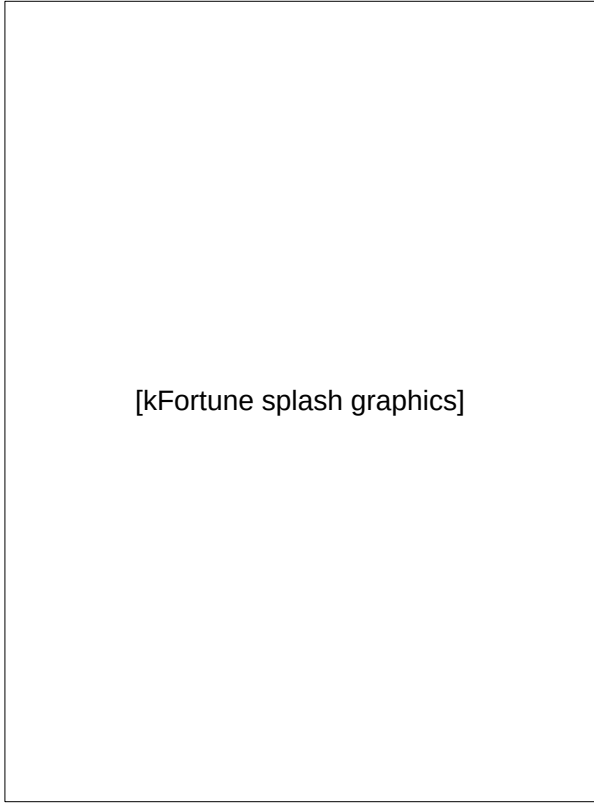
The probability of the answers is 50% positive, 25% negative, and 25% uncertain. Specific answers can be chosen at random from the following table:

Type of Answer	Specific Answer
Positive Answer	Most certainly it will be.
Positive Answer	Yes! A hundred times, yes!
Positive Answer	The future holds this for you.
Positive Answer	If you try you will succeed.
Positive Answer	More likely than not.
Positive Answer	Why not?
Positive Answer	Go for it!
Positive Answer	It will be so.
Positive Answer	Omens seem positive.
Positive Answer	If you really wish it, it will be so.
Positive Answer	A positive attitude will get you what you want.
Positive Answer	It is fated for you.
Negative Answer	No, never.
Negative Answer	Dark forces will thwart you.
Negative Answer	Absolutely not!
Negative Answer	This may not be in your future.
Negative Answer	Omens seem negative.
Negative Answer	It is not in your destiny.

Uncertain Answer	Maybe yes; maybe no.
Uncertain Answer	Future is cloudy; ask again some other time.
Uncertain Answer	Think harder and ask again.
Uncertain Answer	Unseen powers are hiding the answer.
Uncertain Answer	Zoltar says not to tell you.
Uncertain Answer	It could go either way.

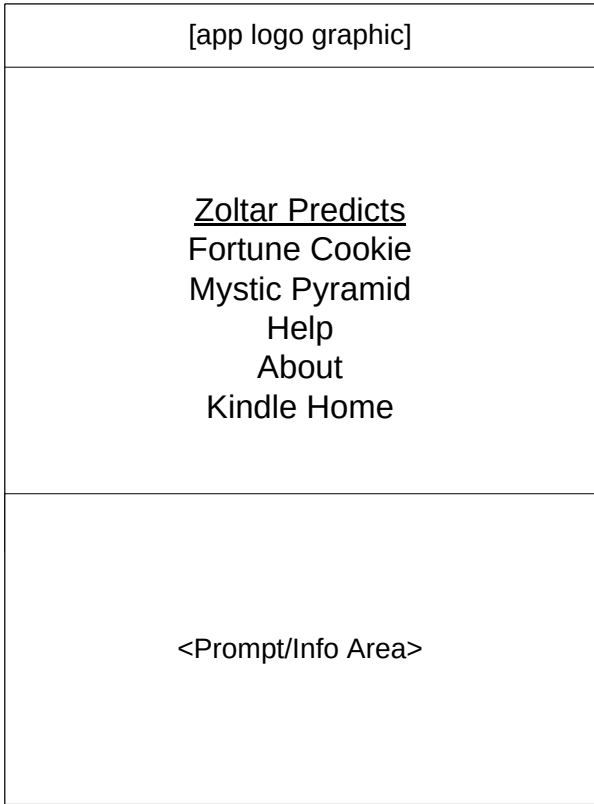
6. Screen Specifications

6.1. Splash Screen

Screen Diagram	Description
 [kFortune splash graphics]	Graphical application splash screen. Automatically navigates to the Main Menu screen after a short pause (3 seconds or whatever when we accomplish in the Kindle OS).
Controls	Usage
Home Button	Reserved for Kindle OS usage.
Menu Key	None.
Left & Right Next Page Keys	None.
Previous Page Key	None.
Back Key	None.
Up (5-way controller)	None.
Down (5-way controller)	None.

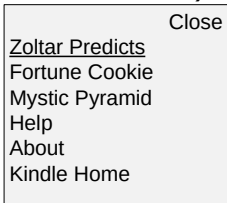
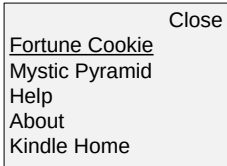
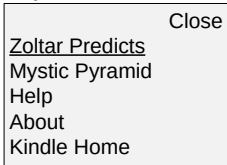
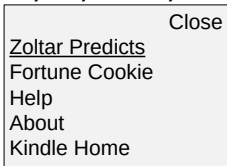
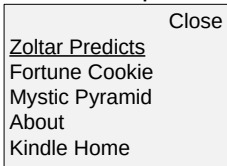
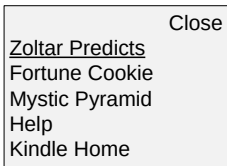
Left (5-way controller)	None.
Right (5-way controller)	None.
Select (5-way controller)	None.
Screen Elements	Usage
Delay Loop	Go to the Main Menu screen after a short pause (3 seconds or whatever when we accomplish in the Kindle OS).

6.2. Main Menu Screen

Screen Diagram	Description
 The diagram shows a rectangular screen layout. At the top is a box labeled "[app logo graphic]". Below this is a list of menu items: <u>Zoltar Predicts</u>, Fortune Cookie, Mystic Pyramid, Help, About, and Kindle Home. At the bottom is a large box labeled "<Prompt/Info Area>".	[app logo graphic]: A small, graphical application logo. Prompt/Info Area: This dynamically updates based on which menu item has the focus. Zoltar Predicts: Ask Zoltar about your future in love, career, friendship, money, and life! Fortune Cookie: Eat a delicious fortune cookie and find your fortune. Mystic Pyramid: Tap into the power of the ancient Egyptians to find answers to your questions. Help: Get help about the app. About: Find out more about the app. Kindle Home: Exit the app.
Controls	Usage
Home Button	Reserved for Kindle OS usage.
Menu Key	Open the Menu Key Menu dialog.
Left & Right Next Page Keys	None.
Previous Page Key	None.
Back Key	None.
Up (5-way controller)	Move focus up one item.
Down (5-way controller)	Move focus down one item.
Left (5-way controller)	None.
Right (5-way controller)	None.

Select (5-way controller)	Navigate to screen per item with focus.
Screen Elements	Usage when Triggered
Zoltar Predicts! (has default focus)	Go to the Zoltar Predicts Start screen.
Fortune Cookie	Go to the Fortune Cookie Start screen.
Mystic Pyramid	Go to the Mystic Pyramid Start screen.
Help	Go to the Help screen.
About	Go to the About screen.
Kindle Home	Exit the app to the Kindle Home screen.

6.3. Menu Key Menu Dialog

Screen Diagram	Description
When on Main Menu screen (or if the same for all screen):  When on any Zoltar Predicts screen:  When on any Fortune Cookie screen:  When on any Mystic Pyramid screen:  When on Help screen:  When on About screen: 	The Menu Key Menu dialog can be dynamic, with choices and focus depending upon which screen is being displayed. If implementation time does not permit a dynamic menu, it can be static with the same choices and default focus for all screens.
Controls	Usage
Home Button	Reserved for Kindle OS usage.
Menu Key	Close the Menu Key Menu dialog.
Left & Right Next Page Keys	None.
Previous Page Key	None.
Back Key	Close the Menu Key Menu.

Up (5-way controller)	Move focus up one item.
Down (5-way controller)	Move focus down one item.
Left (5-way controller)	None.
Right (5-way controller)	None.
Select (5-way controller)	Navigate to screen per item with focus.
Screen Elements; for Main Menu Screen (or all screens if static)	Usage when Triggered
Close	Close the Menu Key Menu dialog.
Zoltar Predicts! (has default focus)	Go to the Zoltar Predicts Start screen.
Fortune Cookie	Go to the Fortune Cookie Start screen.
Mystic Pyramid	Go to the Mystic Pyramid Start screen.
Help	Go to the Help screen.
About	Go to the About screen.
Kindle Home	Exit the app to the Kindle Home screen.
Screen Elements; for Zoltar Screens	Usage when Triggered
Close	Close the Menu Key Menu dialog.
Fortune Cookie (has default focus)	Go to the Fortune Cookie Start screen.
Mystic Pyramid	Go to the Mystic Pyramid Start screen.
Help	Go to the Help screen.
About	Go to the About screen.
Kindle Home	Exit the app to the Kindle Home screen.
Screen Elements; for Cookie Screens	Usage when Triggered
Close	Close the Menu Key Menu dialog.
Zoltar Predicts! (has default focus)	Go to the Zoltar Predicts Start screen.
Mystic Pyramid	Go to the Mystic Pyramid Start screen.
Help	Go to the Help screen.
About	Go to the About screen.
Kindle Home	Exit the app to the Kindle Home screen.
Screen Elements; for Pyramid Screens	Usage when Triggered
Close	Close the Menu Key Menu dialog.
Zoltar Predicts! (has default focus)	Go to the Zoltar Predicts Start screen.
Fortune Cookie	Go to the Fortune Cookie Start screen.
Help	Go to the Help screen.
About	Go to the About screen.
Kindle Home	Exit the app to the Kindle Home screen.
Screen Elements; for Help Screen	Usage when Triggered
Close	Close the Menu Key Menu dialog.
Zoltar Predicts! (has default focus)	Go to the Zoltar Predicts Start screen.

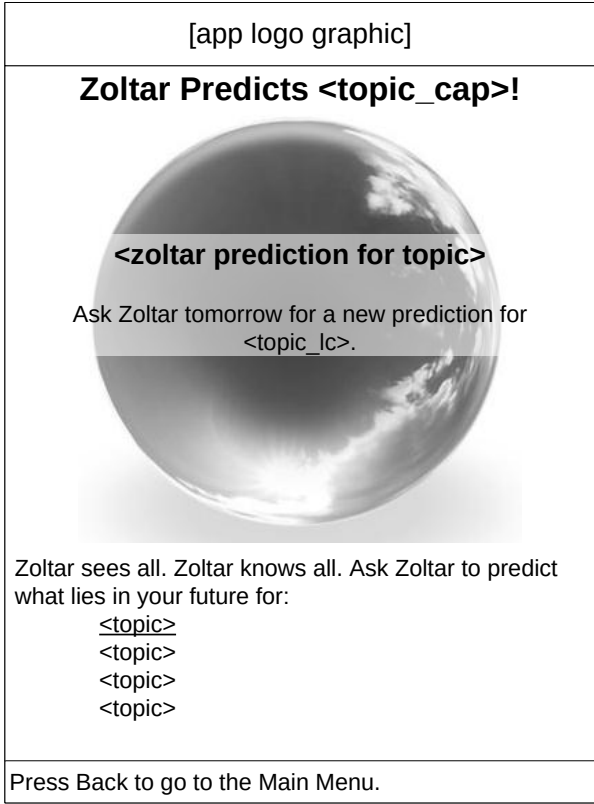
Fortune Cookie	Go to the Fortune Cookie Start screen.
Mystic Pyramid	Go to the Mystic Pyramid Start screen.
About	Go to the About screen.
Kindle Home	Exit the app to the Kindle Home screen.
Screen Elements; for About Screen	Usage when Triggered
Close	Close the Menu Key Menu dialog.
Zoltar Predicts! (has default focus)	Go to the Zoltar Predicts Start screen.
Fortune Cookie	Go to the Fortune Cookie Start screen.
Mystic Pyramid	Go to the Mystic Pyramid Start screen.
Help	Go to the Help screen.
Kindle Home	Exit the app to the Kindle Home screen.

6.4. Zoltar Predicts Start Screen

Screen Diagram	Description
[app logo graphic] Zoltar Predicts!  Zoltar sees all. Zoltar knows all. Ask Zoltar to predict what lies in your future for: - Love - Career - Friendship - Money - Life Press Back to go to the Main Menu.	[app logo graphic]: A small, graphical app logo. See the Zoltar Predicts feature specification for details on this feature.
Controls	Usage
Home Button	Reserved for Kindle OS usage.
Menu Key	Open the Menu Key Menu.
Left & Right Next Page Keys	None.
Previous Page Key	None.

Back Key	Go to the Main Menu screen.
Up (5-way controller)	Move focus up one item.
Down (5-way controller)	Move focus down one item.
Left (5-way controller)	None.
Right (5-way controller)	None.
Select (5-way controller)	Get a prediction for the selected topic and display it on the Zoltar Predicts Results screen.
Screen Elements	Usage when Triggered
Love (has default focus)	Get a prediction for the selected topic and display it on the Zoltar Predicts Results screen.
Career	Get a prediction for the selected topic and display it on the Zoltar Predicts Results screen.
Friendship	Get a prediction for the selected topic and display it on the Zoltar Predicts Results screen.
Money	Get a prediction for the selected topic and display it on the Zoltar Predicts Results screen.
Life	Get a prediction for the selected topic and display it on the Zoltar Predicts Results screen.

6.5. Zoltar Predicts Results Screen

Screen Diagram	Description
 [app logo graphic] Zoltar Predicts <topic_cap>! <zoltar prediction for topic> Ask Zoltar tomorrow for a new prediction for <topic_lc>. Zoltar sees all. Zoltar knows all. Ask Zoltar to predict what lies in your future for: <topic> <topic> <topic> <topic> Press Back to go to the Main Menu.	[app logo graphic]: A small, graphical app logo. See the Zoltar Predicts feature specification for details on this feature. <topic_cap> is the topic the user selected and has the first letter capitalized: Love, Career, Friendship, Money, or Life. <zoltar prediction for topic> is the prediction. <topic_lc> is the topic the user selected and does not have the first letter capitalized: love, career, friendship, money, or life. <topic> menu: These are the Zoltar topics, minus the topic user selected to get this results screen. The first in the list has the focus. Example: The user selected Love for the topic, so this results screen shows the Love prediction and displays as the menu: <u>Career</u> Friendship Money Life
Controls	Usage
Home Button	Reserved for Kindle OS usage.
Menu Key	Open the Menu Key Menu.
Left & Right Next Page Keys	None.
Previous Page Key	None.
Back Key	Go to the Main Menu screen.
Up (5-way controller)	Move focus up one item.
Down (5-way controller)	Move focus down one item.
Left (5-way controller)	None.
Right (5-way controller)	None.
Select (5-way controller)	Get a prediction for the selected topic and display it on the reloaded Zoltar Predicts Results screen.
Screen Elements	Usage when Triggered
<topic> (top of list has default focus)	Get a prediction for the selected topic and display it on the reloaded Zoltar Predicts Results screen.
<topic>	Get a prediction for the selected topic and display it on the reloaded Zoltar Predicts Results screen.
<topic>	Get a prediction for the selected topic and display it on the reloaded Zoltar Predicts Results screen.

<topic>	Get a prediction for the selected topic and display it on the reloaded Zoltar Predicts Results screen.
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6.6. Fortune Cookie Start Screen

Screen Diagram	Description
[app logo graphic] Choose a Fortune Cookie!  Press Back to go to the Main Menu.	[app logo graphic]: A small, graphical app logo. See the Fortune Cookie feature specification for details on this feature.
Controls	Usage
Home Button	Reserved for Kindle OS usage.
Menu Key	Open the Menu Key Menu.
Left & Right Next Page Keys	None.
Previous Page Key	None.
Back Key	Go to the Main Menu screen.
Up (5-way controller)	Move focus up one item.
Down (5-way controller)	Move focus down one item.
Left (5-way controller)	Move focus left one item.
Right (5-way controller)	Move focus right one item.
Select (5-way controller)	Get a fortune cookie fortune for the selected cookie and display it on the Fortune Cookie Results screen.
Screen Elements	Usage when Triggered
<cookies> (upper left has default focus)	Get a fortune cookie fortune for the selected cookie and display it on the Fortune Cookie Results screen.

6.7. Fortune Cookie Results Screen

Screen Diagram	Description
[app logo graphic] Your Fortune! <fortune cookie fortune>  <prompt based on # of cookies taken> Press Back to go to the Main Menu.	[app logo graphic]: A small, graphical app logo. See the Fortune Cookie feature specification for details on this feature. <fortune cookie fortune> is the user's fortune. <prompt based on # of cookies taken>: Case: User has taken 1 or 2 cookies: <u>Have another cookie!</u> Case: User has taken 3 cookies: Three cookies are enough for today. Come back tomorrow for more cookies. <u>Main Menu</u>
Controls	Usage
Home Button	Reserved for Kindle OS usage.
Menu Key	Open the Menu Key Menu.
Left & Right Next Page Keys	None.
Previous Page Key	None.
Back Key	Go to the Main Menu screen.
Up (5-way controller)	None.
Down (5-way controller)	None.
Left (5-way controller)	None.
Right (5-way controller)	None.
Select (5-way controller)	Navigate to screen per item with focus.
Screen Elements	Usage when Triggered
Have another cookie (has default focus if displayed)	Go to the Fortune Cookie Start screen.
Main Menu (has default focus if displayed)	Go to the Main Menu screen.

6.8. Mystic Pyramid Start Screen

Screen Diagram	Description
 The diagram shows the layout of the Mystic Pyramid Start Screen. At the top is a placeholder for the app logo. Below it is the title 'Ask the Pyramid a Question!'. The central graphic is a 3D pyramid with a brick-like texture, featuring an eye symbol on its front face and stars on its sides. Below the pyramid is a button labeled 'Ask Your Question!'. Underneath the button is the instruction: 'Think your question with great reverence and intent and then press Ask.' At the bottom of the screen is a footer that says 'Press Back to go to the Main Menu.'	[app logo graphic]: A small, graphical app logo. See the Mystic Pyramid feature specification for details on this feature.
Controls	Usage
Home Button	Reserved for Kindle OS usage.
Menu Key	Open the Menu Key Menu.
Left & Right Next Page Keys	None.
Previous Page Key	None.
Back Key	Go to the Main Menu screen.
Up (5-way controller)	None.
Down (5-way controller)	None.
Left (5-way controller)	None.
Right (5-way controller)	None.
Select (5-way controller)	Get a mystic pyramid answer and display it on the Mystic Pyramid Results screen.
Screen Elements	Usage when Triggered
Ask Your Question! (button)	Get a mystic pyramid answer and display it on the Mystic Pyramid Results screen.

6.9. Mystic Pyramid Results Screen

Screen Diagram	Description
[app logo graphic] The Pyramid Answers! <pyramid answer> Ask Another Question! Think your question with great reverence and intent and then press Ask. Press Back to go to the Main Menu.	[app logo graphic]: A small, graphical app logo. See the Mystic Pyramid feature specification for details on this feature. <pyramid answer>: The pyramid's answer.
Controls	Usage
Home Button	Reserved for Kindle OS usage.
Menu Key	Open the Menu Key Menu.
Left & Right Next Page Keys	None.
Previous Page Key	None.
Back Key	Go to the Main Menu screen.
Up (5-way controller)	None.
Down (5-way controller)	None.
Left (5-way controller)	None.
Right (5-way controller)	None.
Select (5-way controller)	Get a mystic pyramid answer and display it on the Mystic Pyramid Results screen.
Screen Elements	Usage when Triggered
Ask Another Question! (button)	Get a mystic pyramid answer and display it on the Mystic Pyramid Results screen.

6.10. Help Screen

Screen Diagram	Description
[app logo graphic] Help <help topic heading> <help text> <help text> <help text> <help topic heading> <help text> <help text> <help text> <help topic heading> <help text> <help text> <help text> <help topic heading> <help text> <help text> <help text> <help topic heading> <help text> <help text> <help text> Press Back to return to the Main Menu. [app logo graphic]: A small, graphical app logo. The Help screen is a scrolling screen of help topics for the app. It should include these help topics: How to Use Zoltar Predicts How to Use Fortune Cookie How to Use Mystic Pyramid Support/Contact Info The help text should be written near the end of the implementation process, so that it can include any changes to the app during implementation (such as revisions to Zoltar based on the actual content we get).	
Controls	Usage
Home Button	Reserved for Kindle OS usage.
Menu Key	Open the Menu Key Menu.
Left & Right Next Page Keys	None.
Previous Page Key	None.
Back Key	Return to the screen from which Help was called.
Up (5-way controller)	None.
Down (5-way controller)	None.
Left (5-way controller)	None.
Right (5-way controller)	None.
Select (5-way controller)	None.

6.11. About Screen

Screen Diagram	Description
[app logo graphic] About <about topic heading> <about text> <about text> <about text> <about topic heading> <about text> <about text> <about text> <about topic heading> <about text> <about text> <about text> <about topic heading> <about text> <about text> <about text> Press Back to return to the Main Menu.	[app logo graphic]: A small, graphical app logo. The About screen is a scrolling screen of about topics for the app. It should include these topics: - Copyright/Trademark Notices - License (aka Terms of Use) - Privacy Policy (if needed) - Credits The about text should be written near the end of the implementation process, so that it can include up-to-date content on these items.
Controls	Usage
Home Button	Reserved for Kindle OS usage.
Menu Key	Open the Menu Key Menu.
Left & Right Next Page Keys	None.
Previous Page Key	None.
Back Key	Go to the Main Menu screen.
Up (5-way controller)	Move focus up one item.
Down (5-way controller)	Move focus down one item.
Left (5-way controller)	None.
Right (5-way controller)	None.
Select (5-way controller)	None.