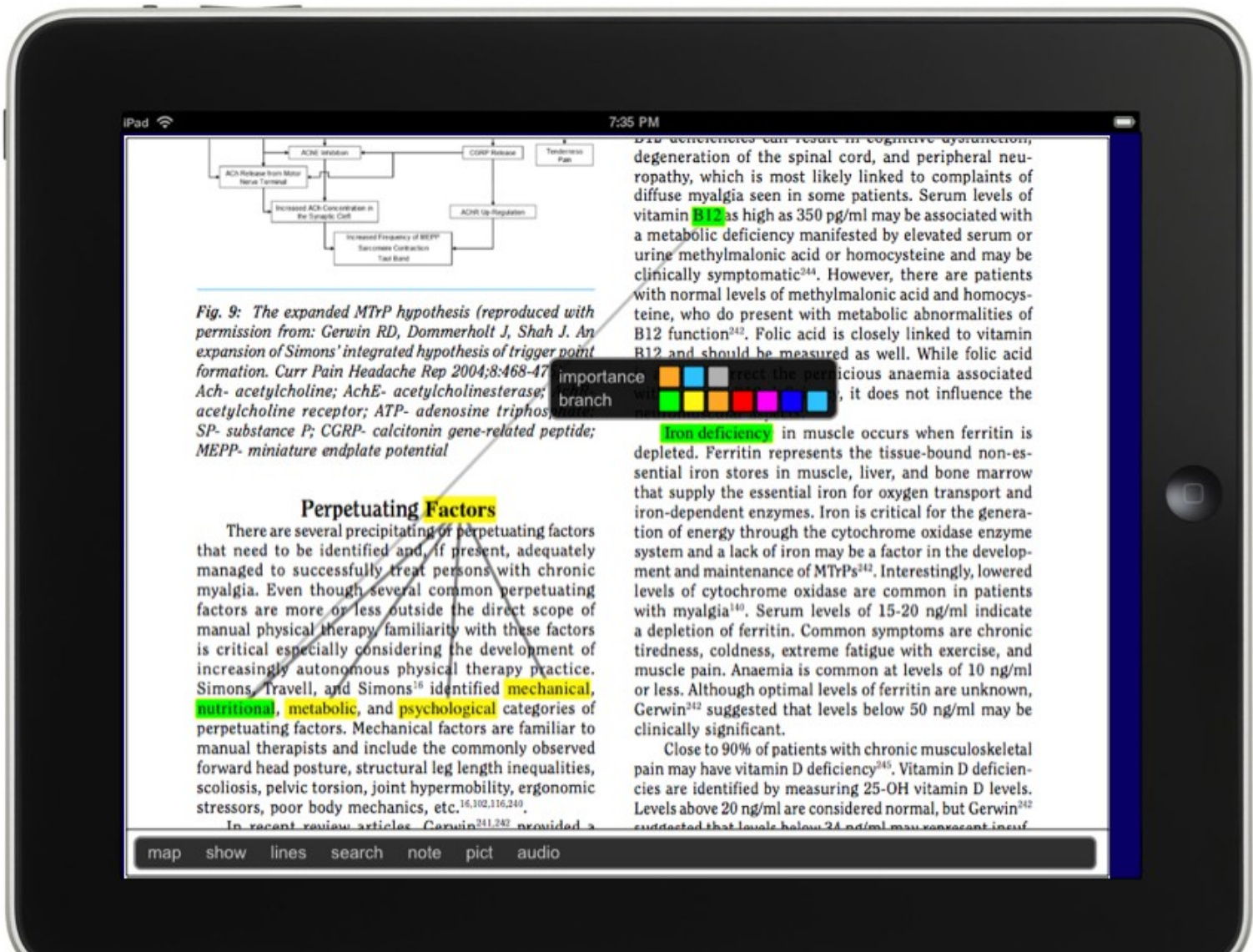In general there a three main work-screens that show different things:
1. doc-screen shows the document (PDF) and allows access of functions related to the document.
2. map-screen show the iEssence-Map and allows access of functions related to the map.
3. split-screen shows map and document and allows access of funtctions related to map or doc.

This screen is called: **doc**
It shows the document only.
Important: User can open several doc at the same time (how does the user know this, or is the app always linked to a doc, that would be smart, what happens if the user opens a pdf, does the app start automaticaly?), and work in that which he selected, an jump from one doc to the next doc.
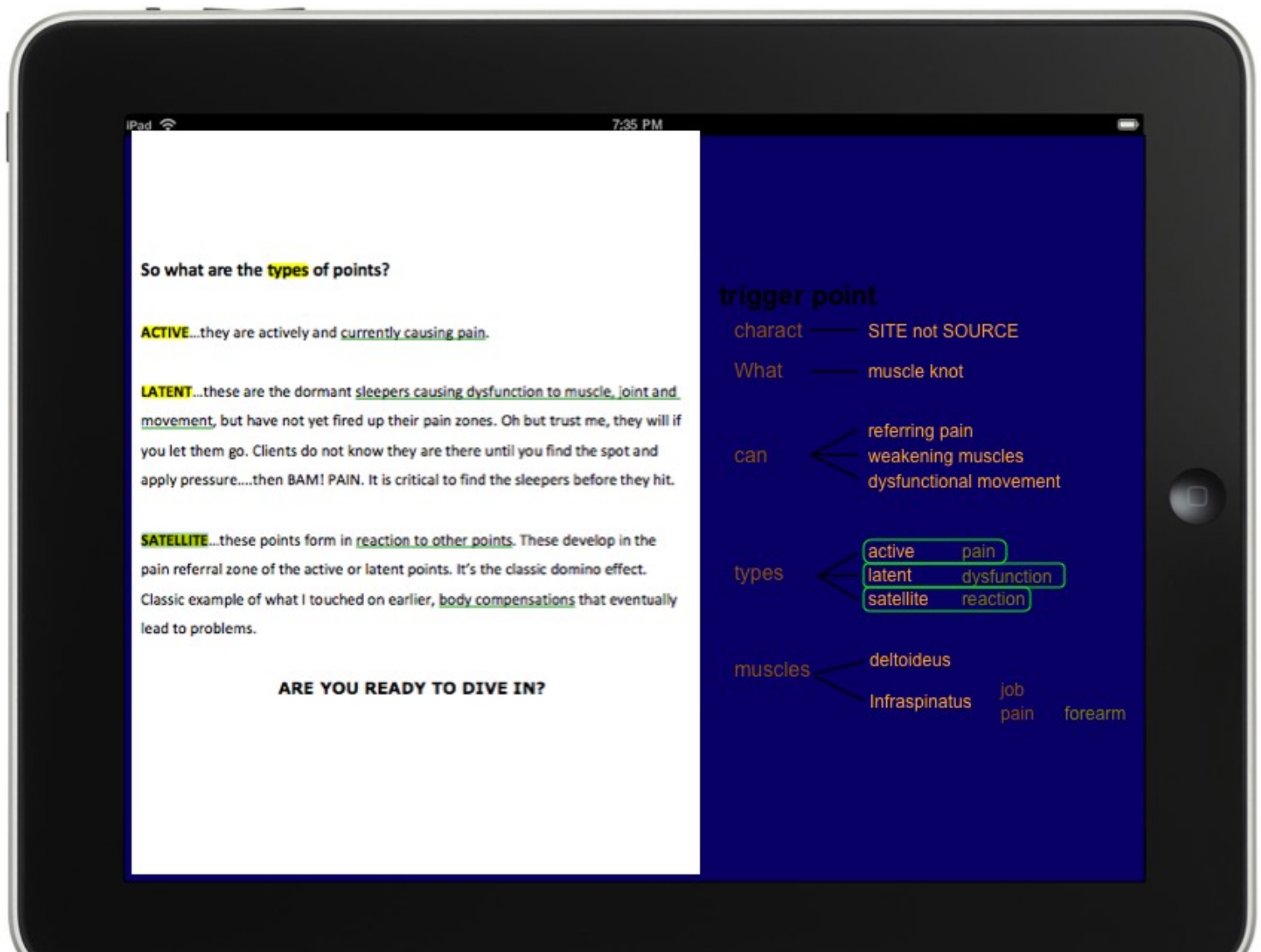
User has these functions:

gesture	function/action	comment
tap-pinch	Zoom in/out	(does this mean with 2 fingers!)
tap-slide	Slide page up/down	
short swipe to left anywhere	Add a comment-box	User can enter text into that comment-box, and choose it to be visible or not.
tap-slide *within existing*	Drag that comment-box to its proper location.	

comment box		
One-short tap + slide to right	marks the complete sentence, with ability to make the highlighted zone smaller or longer (jumping word to word (this will not show up in structural view !	this will not show up in iEssence-Map ! - BUT: if linked to a keyword it will show up when this keyword is tapped in iEssence-Map
one-short tap *on any non-keyword*	highlight that word (make it a keyword in the doc) plus pop-up a small menu for colors. (if set by user in settings)	At the same time this keyword appears in the iEssence-Map in red outlines at upper middle of screen (because it is not linked yet)
one-short tap *on a keyword*	This keyword is linked with the next word that is **one-short-tapped.**	If the next one-short-tap is on a marked sentence, then this sentence is linked with this keyword (and this sentence will show up if user taps on that keyword in the iEssence-Map)
Tap-hold *on any existing keyword*	Delete that keyword	
Short double tap	Open contextual doc-menu. It will appear were user has tapped.	Here user can select: **view** (iEssence-Map, doc, split) link-**lines** in/visible (in doc) **search** for words: this has three options 1. search in current doc 2. search in all opened docs 3. search in all doc on the device 4. search also on servers **add** a comment or picture **save**, **open**, **rename** the doc (PDF) open **settings** menu
	It would be supercool if user could select predefined gestures for actions he uses often.	This is a great idea, I like this! This is something for the future development. Do other use this, I have never seen it? We should copy apple, as you already did

Menu-item	Action	comment/question
Screen doc map split	If tapped user can choose: full document screen → see 1. (above) full map screen → see 3./4./5. user has both screens → see 2. (above)	This selects the configuration of the 2 screens
Show lines adds	Choose what the doc displays display all linked lines between keywords display all comment-boxes "open"	Here you can select what is visible in the doc user can see the text of the comments This will generate a propably "full" screen
Color importance branche custom	Select what the colors mean color shows importance of keyword color shows the branch user can define other color-meanings	This way color shows different aspects of marks this color has to be set by the user app generates this automatically (user can change the color-scheme) user can name that color-scheme (i.e. "i need more information about that") these colors are of course the same as then shown in the map-screen !

doc		If user taps: open these 4 options:	This is an additional doc, the other remains open. So use can open several docs to work parallel. should be able as pdf/png/mindmap formats
	open	open-dialog to open a doc	
	save	save-dialog to save	
	insert	this inserts a blank page into the doc	the app should ask if user wants the annotations saved into a duplicate of the original (so the original remains untouched)
search		Type in or tap on a word	The app asks where to search: in the map current map + current doc all opened maps + all opened docs entire local device (all docs on the device) global all local + synced servers

This screen is called: **split**
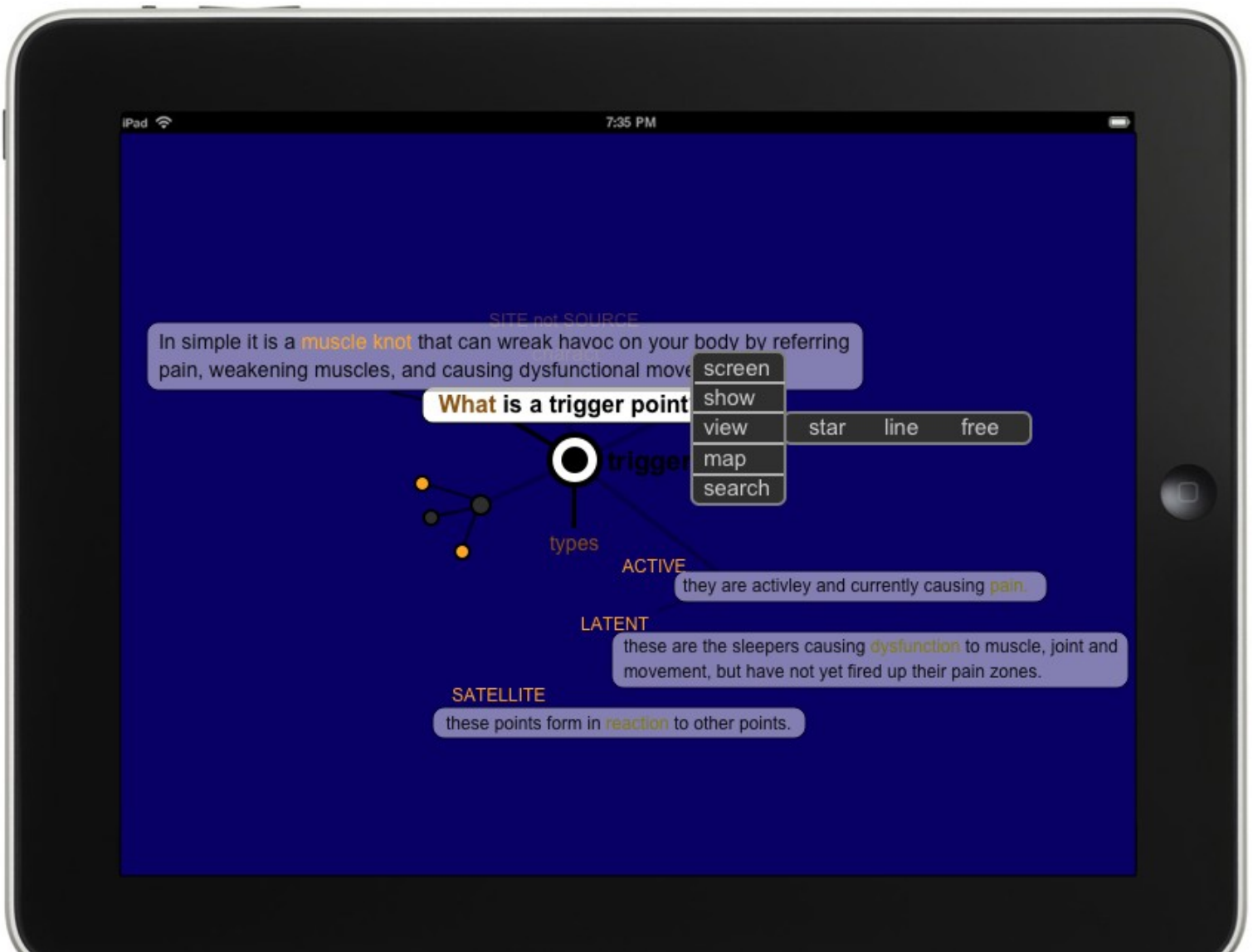It shows the document and the iEssence-Map.

If user taps on the doc-side all functions from the full-doc screen are present.
(this example shows the list-view of the map.)
Table show functions when user taps on iEssence-Map-side.

gesture	function/action	comment
tap-pinch	Zoom in/out	When zoomed text-size will get smaller until only dots are left (see next example-picture)
tap-slide	Move map in direction of the slide.	
one-short tap *on background*	Create a new keyword.	This keyword will also show up on the doc-screen as a comment-box.
one-short tap *on any keyword already linked in or not*	The tapped keyword is linked with the next keyword the user taps on. (no matter if this keyword Is already linked or	That means user can create multiple branches, that are not yet connected, and connect them anytime he wants !!
Tap-hold	collapse that keyword/text-box.	This means a text-box will fade out.

on any existing keyword or popped up text-box		And a keyword will become a dot. (If user one-short-taps on a dot, the keyword will be visible again). This way the user can focus on certain info, and reduce keywords in map view.
double tap *on background*	Open contextual map-menu	It will appear were user has tapped Here user can select: view (iEssence-Map, doc, split) view: star – line - free view: all dot – all keyword – all info view: color-mode (importance,branch,...) search for words in map add a comment or pict save, open, rename the map-doc export this map as pdf/iEs file import maps (from other mindmap files) split this map (according to source) or other parameters merge this map with other maps open settings menu
Double tap on keyword	This pops up a text-box that shows the sentence that the keyword is part of, or/and any other marked sentence, that the user linked with this keyword.	In settings user can choose how the app works. Standard is that a tap on a keyword in map-screen will show the sentence, which keyword is part of. And if no other additional marked text is linked, it shows that.
double tap *on text-box*	User can add more information to that box	
	Question: will the split-screen be sizable, or fixed proportions, bases on text width of doc. **Or 50:50 ?**	**In first version we go with fixed width. Doc screen is a little bigger than map-screen. About 2:3. (or golden ratio)**
one-short tap *on any keyword already linked in or not*	The tapped keyword is linked with the next keyword the user taps on. (no matter if this keyword Is already linked or	That means user can create multiple branches, that are not yet connected, and connect them anytime he wants !!
Tap-hold *on any existing keyword or popped up text-box*	collapse that keyword/text-box.	This means a text-box will fade out. And a keyword will become a dot. (If user one-short-taps on a dot, the keyword will be visible again). This way the user can focus on certain info, and reduce keywords in map view.
double tap *on background*	Open contextual map-menu	It will appear were user has tapped Here user can select: view (iEssence-Map, doc, split) view: star – line - free view: all dot – all keyword – all info view: color-mode (importance,branch,...) search for words in map add a comment or pict save, open, rename the map-doc export this map as pdf/iEs file import maps (from other mindmap files) split this map (according to source) or other parameters merge this map with other maps open settings menu

3. This screen is called: **map**

It shows the map fullscreen.

If user taps all functions from the split screen (map) are present. (see above)
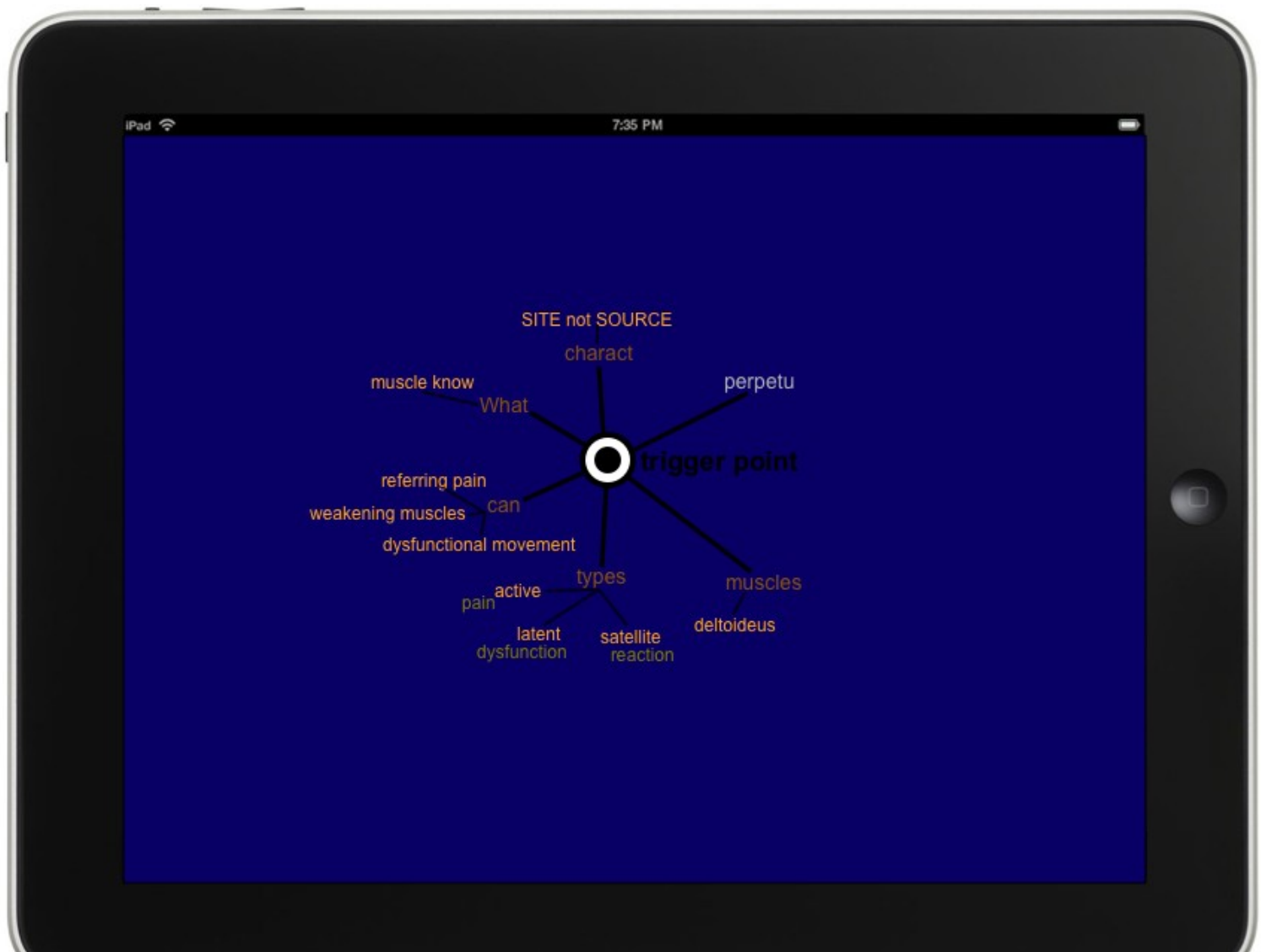User can have several maps open, and jump between them.

In this example-map you see a mix of collapsed keywords, which are visible as dots, opened keywords, which then show a sentence, and the popped up contextual menu, where user has tapped on view.

This table shows the options in the contextual menu for the map-screen. (available in map or split screen).

Menu-item	Action	comment/question
Screen	If tapped user can choose:	This selects the configuration of the 2 screens
doc	full document screen → see 1. (above)	
map	full map screen → see 3./4./5.	
split	user has both screens → see 2. (above)	
Show	Choose what the map displays	
keys	display all keywords	

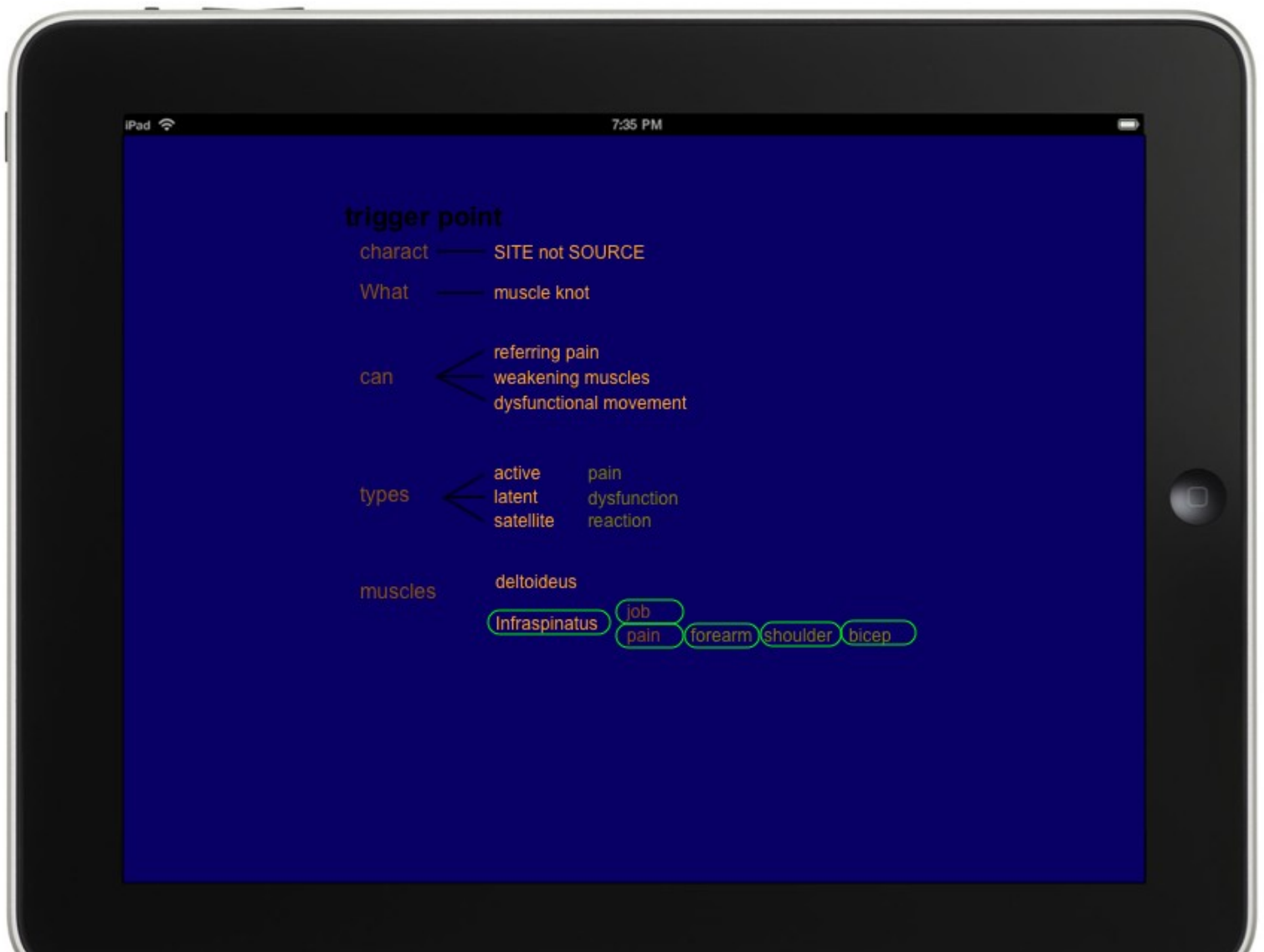|		
dots	display all as dots	
all	display all keywords + linked sentences	This will generate a propably "full" screen
View	Select how the map is structured	
star	iEssence-map is structured like "stars"	App will reorganize a little bit to have no overlaps
line	iEssence-map is structured like a "list"	App will reorganize to display clearly
free	user can drag keywords as he wants	App will not reorganize
Color	Select what the colors mean	This way color shows different aspects of marks
importance	color shows importance of keyword	this color has to be set by the user
branche	color shows the branch	app generates this automatically (user can change the color-scheme)
custom	user can define other color-meanings	user can name that color-scheme (i.e. "i need more information about that") these colors are of course the same as then shown in the map-screen !
Map	If user taps: open these 4 options:	
open	open-dialog to open a map	This is an additional map, the other remains
save	save-dialog to save	should be able as pdf/png/mindmap formats
new	new mind-map	should we have a doublicate function ?
insert	insert another map into the current	
export	export the selected parts of the current map	
search	Type in or tap on a word	The app asks where to search: in the map current map + current doc all opened maps + all opened docs entire local device (all docs on the device) global all local + synced servers

4. This map-view is called: **star**

If user taps all functions from the split screen (map) are present. (see above)
User can have several maps open, and jump between them.

In this example-map you see a the map in star view, with view = keys. This shows all existing keywords, with no "key-sentences" boxes open, and no keywords collapsed to dots.

This is the summary of the text which was reviewed and maked and is know the essence of what the user needs to know. Isn´t this great!
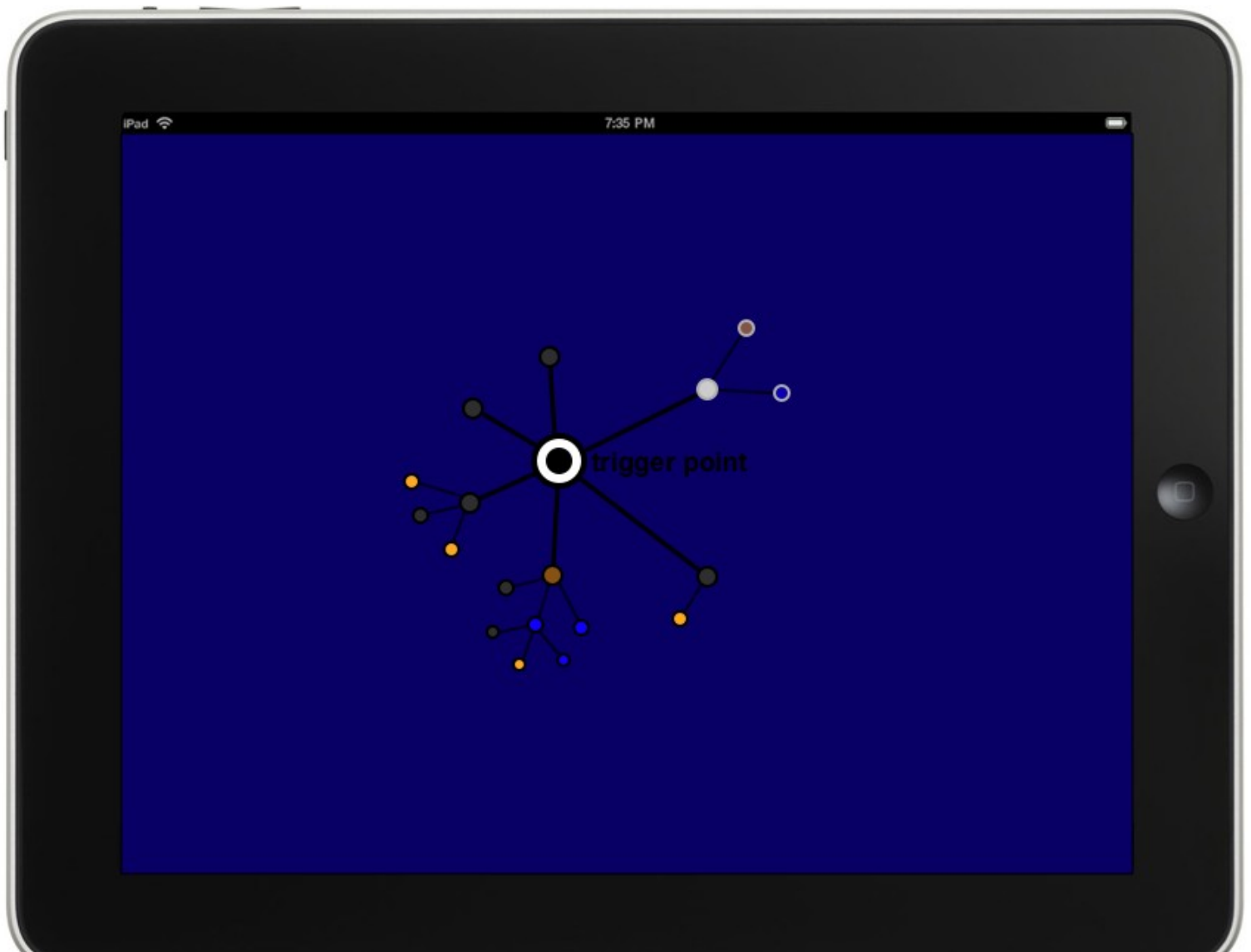
5. This map-view is called: **list**

If user taps all functions from the split screen (map) are present. (see above)
User can have several maps open, and jump between them.

In this example-map you see a the map in list view, with view = keys. This shows all existing keywords, with no "key-sentences" boxes open, and no keywords collapsed to dots.

6. This map-view is called: **star**

If user taps all functions from the split screen (map) are present. (see above)
User can have several maps open, and jump between them.

In this example-map you see a the map in star view, with view = dots. This shows all existing keywords collapsed to dots. So user can see a "fancy" "on information" overview of the network of the keyword-links.

What is the use of the view?
The user has the main learning theme in the center of the star, and from this point he can review and check if he/she can remember what the have worked thru and need to know.

List of features – with comment regarding priority and version.

Most important:
iEssence DOES NOT WANT to compete with existing pdf annotation apps.
and DOES NOT WANT to compete with complex mind mapping apps.

My idea is: release version 1.0 with basic and absolutely necessary functions.
AND: have a menu in the app, where user can choose from a range of suggested next version features.
        He can choose those he wants, or add new, and send them to us.
        That way we have a clear feedback on the next development steps.

Unique features are oranged:

feature	VIP	vers	Comment ::: PDF-Tools = PDF ;;; Mindmap-feature = MMF
Multiple documents	MUST	1.o	PDF – file functions
Cloud sync	MUST	1.o	PDF – file functions
Perfect page scroll	MUST	1.o	PDF – general workflow
Zoom in/out	MUST	1.o	PDF – general workflow
Search	MUST	1.o	PDF – general workflow
Highligh keyword	MUST	1.o	PDF – annotation / information-processing
Highlight more words	MUST	1.o	PDF – annotation / information-processing
Link keywords/text	MUST	1.o	PDF – information-processing
Add comments	MUST	1.o	PDF – annotation / information-processing
underline/strikeout	MUST	1.o	PDF – annotation / information-processing
star-line-free view	MUST	1.o	MMF : display-options
color-schemes	MUST	1.o	MMF : display-options (user can define meaning of colors)
Zoom	MUST	1.o	MMF : display-options
Mapback	?	?	MMF : display-options (user can load a pict as background)
Create keywords and link in other from doc	MUST	1.o	MMF: information-processing
open/collapse keywords/text-boxes	MUST	1.o	MMF: information-processing
Search	MUST	1.o	MMF : general workflow
Infinite map-size	MUST		MMF : general workflow (is this possible ?)
cut/copy/paste within and between maps	?	?	MMF : general workflow
export/import	MUST	1.o	MMF : general workflow Different existing mindmap-file formats

Future-feature wish	MUST	1.o	Social-collaboration-tools !!
Help instant	MUST	1.o	General usability (gesture: Z → opens help-text ! For this specific screen.)
Collaboration	?	2.o	General usability Several users can work on one doc at the sam time (is this possible ?)
Redesign		2.o	User can change design of map (color,box-shape,etc)
Icons		2.o	General usability user can attach small icons to the keywords in the map-screen (this is a classic mindmap tool, a set of icons is ready, user can import more)
Gesture-mapping		2.o	General usability User can redefine which gesture triggers which action
Map-connect	?	1.o	General usability Link keyword from a doc to another map (from other mindmap apps)
iEssence-Desktop	?	?	General usability This is possibly a most important "update" and should be done as soon as we have "break even". This way we could sell this "app" to schools/colleges/universities
Attach videos		1.o	General usability – information user can insert video-clips anywhere into the map/doc
Attach pictures		1.o	General usability – information user can insert pictures anywhere into the map/doc
Insert hyperlinks		1.o	General usability – information user can insert hyperlinks to websites anywhere into the map/doc

iPad version
iPhone version
"Desktop" /Mac/PC
Android version