SAMigo (Test & Quizzes) Question Pools
Form and Functional Specification

changes to 8/5/08 version:
-added share question pool page - grant/revoke access (p. 3 and 9)

changes to 8/23/07 version:
-made checkboxes multifunctional on pool page (p. 4)
-removed pager on pool page (p. 4)
-added Update Info button to top half of pool page (p.4)
(these 3 are under SAK-11254)

changes to 7/10/06 version:
-added duplicate pool name validation (p. 6) - SAK-2261
-added Copy Pool specs (p. 7) - post 2.2

changes to 10/20/05 version:
-added confirmation and validation information (p. 2-4) - SAK-2296

changes to 5/5/05 version:
-added Assign to Part pulldown menu on Copy from QP page
-removed "My" from Assessments and Templates in top nav bar

changes to 4/13/05 version:
-put bread crumb on all screens
-updated page navigators to new SG version
-changed "Import from Question Pool" question type label to "Copy..."
-put cancel button on bottom of pools top for Copy question type

changes to 01/26/05 version:
-added underlines to all links
-matched child pool mockup to top level pool mockup
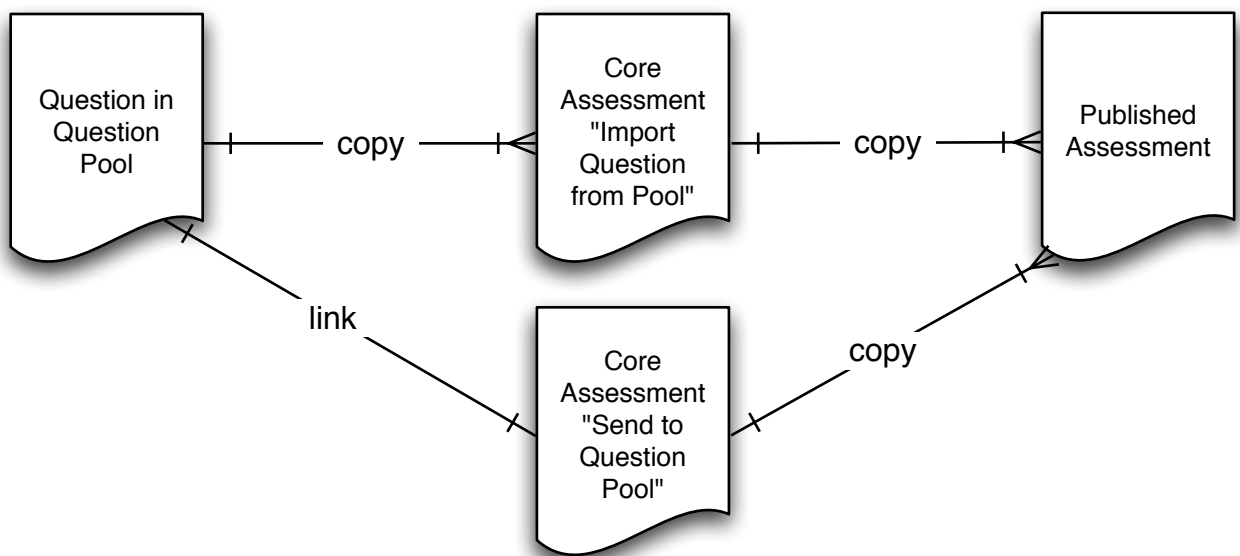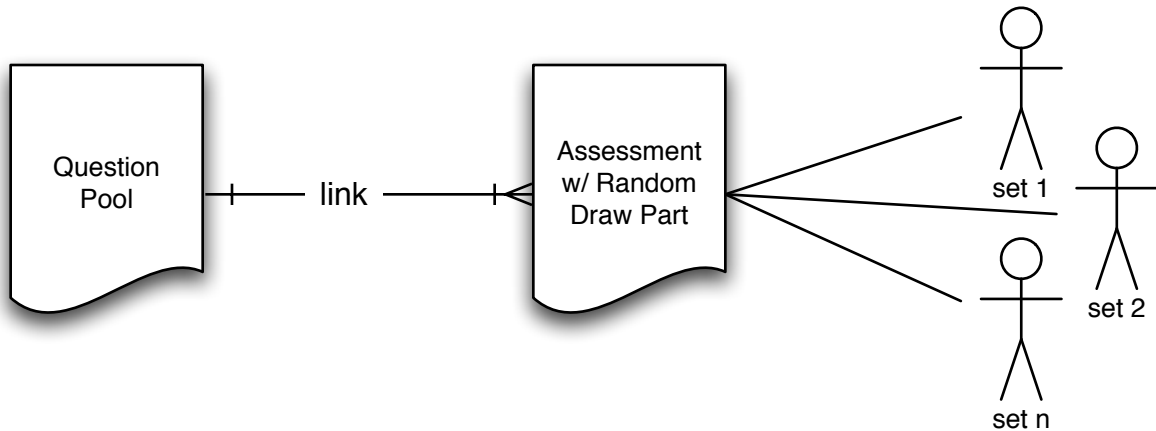-added screens for Import from Question Pool question type in authoring

Design/Usability to watch:
-linking vs copying questions between QP and assessments
    -when you remove a pool

ToDo for version ???:
-search interface
-user admin interface
-underline all links
-flow diagram
-round trip problems front page > enter Q1 > select remove Q2 > Update > Cancel > back to front page rather than Q1

-randomly draw questions will be random for each student
      -multiple submission assessments will have the same set of questions for each attempt
-a random draw part can only have randomly drawn questions, not 1-by-1 authored questions

```
┌──────────┐              ┌──────────┐              ☺
│ Question │              │Assessment│            set 1   ☺
│  Pool    │──┤──link──┤<─│w/ Random │<            set 2
│          │              │Draw Part │            ☺
└──────────┘              └──────────┘            set n
```

```
┌──────────┐         ┌──────────┐         ┌──────────┐
│Question in│        │   Core   │         │          │
│ Question  │─┤─copy─┤<│Assessment│─┤─copy─┤<│Published │
│   Pool    │        │ "Import  │         │Assessment│
│           │        │ Question │         │          │
└──────────┘         │from Pool"│         └──────────┘
      │              └──────────┘              │
      │                                        │
     link        ┌──────────┐     copy
      └──────────┤<  Core   │<─────────────────┘
                 │Assessment│
                 │ "Send to │
                 │ Question │
                 │  Pool"   │
                 └──────────┘
```

-"Import from Question Pool" makes a copy of a question
from a Question Pool to a Core Assessment
      -a Published Assessment will have a copy of this
question
-"Send to Question Pool" makes a link of a question from a
Core Assessment to a Question Pool
      -a Published Assessment will have a copy of this
question

legend

———————————
       one to one

─┤———————<
       one to many (mandatory)

>———————
       many

─┤┤———————
       one and only one (mandatory)

>┤———————
       one or more (mandatory)

>○———————
       zero or many (optional)

─┤○———————
       zero or one (optional)

Assessments

Question Pools

Add New Pool | Import

| I< | < | Show 20 items ▼ | > | >I |

Pool Name ⬚	Creator	Last Modified	Questions	Subpools	Remove?
▼ 📁 **Biology 105** Add I Copy I Move I Share	Georgena Sullivan	8/13/2003	30	3	☐
📁 **Basic Concepts** Add I Copy I Move I Share	Rob Spivack	6/29/2001	69	--	☐
📁 **Cell Biology** Add I Copy I Move I Share	Rob Spivack	6/29/2001	69	--	☐
📁 **Genetics** Add I Copy I Move I Share	Rob Spivack	6/29/2001	69	--	☐
▶ 📁 **Biology 237** Add I Copy I Move I Share	Sabine Dillon	8/17/2003	71	1	☐
📁 **Biology 115A** Add I Copy I Move I Share	Rob Spivack	6/29/2001	69	--	☐
📁 **Biology 115A COPY** Add I Copy I Move I Share	Rob Spivack	6/29/2001	69	--	☐

Update ⓐ

Specifications:
a. Disabled at page load time until user has made a change.

Question Pools > Biology 105 > Basic Concepts

Question Pool: Basic Concepts

✅ This question pool has been updated.

Pool Name	Biology 105
Creator	Georgena Sullivan
Department/Group	Name of dept/group here
Description	Description of question pool goes here
Objectives	Objectives of question pool goes here
Keywords	Keywords of question pool goes here

Update Info (g)

3 Subpools
Add

	Pool Name ⬆	Creator	Last Modified	Questions	Subpools
▶ 📁	**Basic Concepts** Add I Copy I Move I Export I Remove	Rob Spivack	8/13/2003	30	3
▶ 📁	**Cell Biology** Add I Copy I Move I Export I Remove	Rob Spivack	8/17/2003	71	1
📁	**Genetics** Add I Copy I Move I Export I Remove	Rob Spivack	6/29/2001	69	--

4 Questions
Add | Search | Import

(a) (b) (c)
Remove | Copy | Move

(d) ☐	**Question Text** ⬆	**Question Type**
☐	[Lorem ipsum dolor sit amet, consectetuer adipiscing elit...](#) Copy I Move I Export I Preview I Summary	Multiple Choice
☐	[Lorem ipsum dolor sit amet, consectetuer adipiscing elit...](#) Copy I Move I Export I Preview I Summary	True - False
☐	[Lorem ipsum dolor sit amet, consectetuer adipiscing elit...](#) Copy I Move I Export I Preview I Summary	Matching
☐	[Lorem ipsum dolor sit amet, consectetuer adipiscing elit...](#) Copy I Move I Export I Preview I Summary	Short Answer/Essay

Update (e)   **Cancel** (f)   Page 4

Specifications:

a-c. None of these links are active until a checkbox has been selected
a. Remove deletes one or more questions from pool. Goes to confirm page (p. 6)
b. Copy copies one or more questions from pool. Goes to select page (p. 7)
c. Move moves one or more questions from pool. Goes to select page (p. 8)
d. Un/Selecting this checkbox un/selects all boxes below it
e. Disabled at page load time until user has made a selection. Clicking takes user to appropriate confirm page (p. 6) AND/OR If pool information has been changed, show confirm message (p. 5).
f. Cancel takes user back to top-level pool page (p. 3)
g. Update Info updates just the top information, displays success message.

Add Pool

> ⚠️ Are you sure that you want to remove the following pools(s) and ALL associated subpools and questions?

Required items marked with a *.

Pool Name *	Biology 105
Creator *	Biology 105
Department/Group	Name of dept/group here
Description	Description of question pool goes here
Objectives	Objectives of question pool goes here
Keywords	Keywords of question pool goes here

Pool Name must be unique at same level

Save   Cancel

Remove Pool Confirmation

> ⚠️ Are you sure that you want to remove the following pools(s) and ALL associated subpools and questions?

Pool Name

Pool Name 1 goes here

Pool Name 2 goes here

Pool Name 3 goes here

Pool Name 4 goes here

Remove   Cancel

Copy Pool

Select the destination pool(s) for "Pool Name".

		Pool Name ⬥	Creator	Last Modified	Questions	Subpools
☐	▼ 📁	Question Pools TOP	N/A	8/13/1999	251	7
☐	▼ 📁	Biology 105	Georgena Sullivan	8/13/2003	30	3
☑	📁	Basic Concepts	Rob Spivack	6/29/2001	69	--
☐	📁	Cell Biology	Rob Spivack	6/29/2001	69	--
☐	📁	Genetics	Rob Spivack	6/29/2001	69	--
☐	▶ 📁	Biology 237	Sabine Dillon	8/17/2003	71	1
☑	📁	Biology 115A	Rob Spivack	6/29/2001	69	--
☐	📁	Biology 115A COPY	Rob Spivack	6/29/2001	69	--

[**Copy**]   [Cancel]

Specifications:
-Copying a pool from one location to another makes a strict copy and is not a link.

Move Pool

Select the destination pool for "Pool Name".

	Pool Name ⬍	Creator	Last Modified	Questions	Subpools
◯	▼ 📁 Question Pools TOP	N/A	8/13/1999	251	7
◯	▼ 📁 Biology 105	Georgena Sullivan	8/13/2003	30	3
◯	📁 Basic Concepts	Rob Spivack	6/29/2001	69	--
◯	📁 Cell Biology	Rob Spivack	6/29/2001	69	--
◯	📁 Genetics	Rob Spivack	6/29/2001	69	--
◉	▶ 📁 Biology 237	Sabine Dillon	8/17/2003	71	1
◯	📁 Biology 115A	Rob Spivack	6/29/2001	69	--
◯	📁 Biology 115A COPY	Rob Spivack	6/29/2001	69	--

Move   Cancel

Share Pool

Site Members with Access to <Pool Name>

Name ▲	Role	Revoke Access
Bollinger, Ann	Instructor	☐
Carr, Bob	Head TA	☐
Dessy, Catherine	Course Admin	☑

Site Members without Access to <Pool Name>

Name ▲	Role	Grant Access
Everly, Drew	Instructor	☐
Finnegan, Eden	Head TA	☐
Gusman, Fred	Course Admin	☑
Hoff, Gefe	Instructor	☐
Iger, Hans	Head TA	☐
Joss, Isabel	Instructor	☐
Keller, Joesphine	TA	☑

[**Share**]   [Cancel]

Specifications:

-Name column: Last Name, First Name

-Column sorting logic: follows Sakai's column sorting logic (ascending first, then descending).

-A person granted 'assessment.questionpool.create' would be able to
share his pool(s) if he has any
access shared pool(s) from other site members

Assessments

Import Pool

Choose an IMS QTI-compliant XML file from your computer.

File: [   ] (Browse...)

(**Import**) (Cancel)

Assessments

Export Pool

Select a destination on your local file system to export "Pool Name".

Export to: [   ] (Browse...)

(**Export**) (Cancel)

Assessments

Copy from Question Pool

Select a question pool from which you would like to copy questions into the current assessment.

Viewing 21 - 40 of 67 items

| I< | < | Show 20 items ▼ | > | >I |

Pool Name ▲	Creator	Last Modified	Questions	Subpools
▼ 📁 Biology 105	Georgena Sullivan	8/13/2003	30	3
📁 Basic Concepts	Rob Spivack	6/29/2001	69	--
📁 Cell Biology	Rob Spivack	6/29/2001	69	--
📁 Genetics	Rob Spivack	6/29/2001	69	--
▶ 📁 Biology 237	Sabine Dillon	8/17/2003	71	1
📁 Biology 115A	Rob Spivack	6/29/2001	69	--
📁 Biology 115A COPY	Rob Spivack	6/29/2001	69	--

[Cancel]

goes back to assessment authoring

this and the following screen is for the Import from Question Pool question type in authoring

Assessments

Question Pools > Biology 105

Copy from Question Pool: Biology 105

Navigate to another subpool <u>or</u> use the checkboxes below to select questions you wish to copy into the current assessment and then click Copy.

Pool Name	Biology 105
Creator	Georgena Sullivan
Department/Group	Name of dept/group here
Description	Description of question pool goes here
Objectives	Objectives of question pool goes here
Keywords	Keywords of question pool goes here

default selection is last non-random-draw-from-QP part selections should be:
Part 1 - <title>,
Part 2 - <title>,
Part 3 - <title>
(no title no "-")
no random-draw-from-QP parts

3 Subpools

▶ 📁	**Pool Name** ⬍	**Creator**	**Last Modified**	**Questions**	**Subpools**
▶ 📁	Basic Concepts	Rob Spivack	8/13/2003	30	3
📁	Cell Biology	Rob Spivack	8/17/2003	71	1

4 Questions

Viewing 21 - 40 of 67 items

[I<] [<] [Show 20 items ▼] [>] [>I]

Question Text ⬍	**Question Type**	**Copy?**
Lorem ipsum dolor sit amet, consectetuer adipiscing elit...	Multiple Choice	☐
Lore... amet, ...dipiscing elit...	True - False	☐
Lore... met, ...piscing elit...	Matching	☐
Lorem ipsum dolor sit amet, consectetuer adipiscing elit...	Short Answer/Essay	☐

goes to assessment authoring with question(s) inserted

goes back to assessment authoring

Assign to Part: [Part 3 - Hard Questions ▼]

[**Copy**]   [Cancel]

SAVE FOR LATER

SAVE FOR LATER