Terminology

Resources/Resource Databases: any data required to generate schedule items including instructor, course, and location data

Schedule Items: the data in the "Generate" view, the data that makes up a schedule

Schedule "Document" (the data that gets saved, the data that makes opening schedules unique): data consisting of the combination of schedule items and their associated resource databases

_____

Principles

• Resources are defined on a schedule specific bases.

_____

Use Cases

1. Goal: Create a schedule for the first time.

Scenario: It is Winter 2012 and and the admin scheduler has never used the program before

Pre-Conditions:
• All resource databases are empty, they contain no data when you choose "New..." from the "Schedule" menu
• No Schedule Items exist when you choose "New..." from the "Schedule" menu

How to...
Action: User clicks "New..." from schedule menu
Response: Program navigates to "Courses" page
Action: User fills in all resources databases with ALL catalog courses, ALL department instructors, and ALL locations
Action: User selects Winter 2012 specific resources by using the checkboxes in the "Available" column on the resource table. These "Available" resources are the ones that are going to be used to generate this schedule.
Action: User clicks the "Generate" button in the navigation bar
Response: Program navigates to "Generate" page
Action: User clicks the "Generate Schedule" button
Response: All "available" selected resources are used to generate the optimal schedule

2. Goal: Create a schedule using an existing schedule.

Scenario: It is Spring 2012 and and the admin scheduler is using a previously generated schedule from Winter 2012 to create the Spring 2012 schedule

Pre-Conditions:
• The user has the program open and the Winter 2012 schedule open

How to...

Action: User clicks "Save As..." from schedule menu

Response: A dialog pops up prompting the user to input a new name for the Sprint 2012 schedule

Action: User types "Spring 2012" in the dialog box and presses the "Save" button

Response: Program navigates to the "Generate" page containing a copy of the Schedule Items from the Winter 2012 schedule. Also, the resource databases contain copies of the Winter 2012 resource databases.

Action: User edits resource databases to reflect available resources for Spring 2012 by using the checkboxes in the "Available" column in the resource database tables

BANNER

| Schedule ▽ | Generate | Instructors | Courses | Locations |

New
Open...
Save
Save As...
Import...
Export...
Merge...
Print...

Home

Previous Schedules:

| △ |
| |
| |
| |
| ▽ |

Open

New Schedule

BANNER

	Monday	Tuesday	Wednesday	Thursday	Friday
7:00am					
7:30am					
8:00am					
8:30am					
9:00am					
9:30am					
10:00am					
10:30am					
11:00am					
11:30am					
12:00pm					
12:30pm					
1:00pm					
1:30pm 2:					
2:00pm					
2:30pm					
3:00pm					
3:30pm					
4:00pm					

Generate Schedule	Add a Course

BANNER

Available	First Name	Last Name	ID	Max WTU	Building	Room #	Disabilities	Preferences	Delete
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌

New

Edit Course

Course: | CHEM 123 | ▽

Instructor: | Scanlon, Kaylene | ▽

Location: | 92 - 123 | ▽

Time: | MWF 10:00am - 11:00am | ▽

[Ok]   [Cancel]

Save As...

Winter 2012
Spring 2011
Fall 2013

△
▽

Schedule Name...

Save

Resources Template

Instructors | Courses | Locations

Available	First Name	Last Name	ID	Max WTU	Building	Room #	Disabilities	Preferences	Delete
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	✖

New

Fall 2012

Schedule ▽ | Generate | Instructors | Courses | Locations

Available	First Name	Last Name	ID	Max WTU	Building	Room #	Disabilities	Preferences	Delete
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌
☑	Kaylene	Scanlon	krscanlo	16	92	122	☑	Preferences	❌

Copy Instructor Template | New