INTELLIGENT AGENTS TOOL

- Intelligent Agents can assist the instructor and students as an early warning notification or as a positive feedback notification for outstanding performance

- The tool is available from **Edit Course** >> **Intelligent Agents**

- The instructor sets up the agents with criteria and customized e-mail messages

INTELLIGENT AGENT   BASED ON LOGIN CRITERIA

Edit Agent

Agent List | Edit Agent

Cancel

Agent Details

* Agent Name: No login 5 Days

Description:

Status: ☐ Agent is enabled

Agent Criteria

Login Activity:

☑ Take action when the following login criteria are satisfied:

Login Activity: ⦿ User has not logged in for at least 5 day(s)
                  ○ User has logged in during the past ___ day(s)

Create an Automatic Email notification based on login criteria you set.

INTELLIGENT AGENT – BASED ON RELEASE CONDITION

Edit Agent

📋 **Agent List**   ⚙️ **Edit Agent**

[Cancel]

Agent Details

* Agent Name: [Performance to Date--Ch 15 Quiz]

Description: [Lower than 70% grade in gradebook]

Status: ☑ Agent is enabled

Agent Criteria

Release Conditions

[Attach Existing]   [Create and Attach]   **Remove All Conditions** 🗑

To access this item, users must satisfy: [All of the following conditions ▼]

Receives **less than or equal to 70.00 %** on the quiz: **Ch15-BeltonDirectors** 🗑

Create an Automatic Email notification to students when they meet the criteria set by you.

Use the Intelligent Agent as an Early Warning System for Low Performance OR Praise for High Performance

INTELLIGENT AGENT — PERSONALIZED MESSAGE TO STUDENT

Agent Action

Action Repetition: ● Take action only the first time the agent's criteria are satisfied for a user
○ Take action every time the agent is evaluated and the agent's criteria are satisfied for a user
Which action repetition should I use?

Schedule: ☐ Use Schedule
Schedule: No schedule defined
Next Run Date: No schedule defined
Update Schedule
What does an agent's action schedule determine?

Email Format: ● HTML
○ Plain text

* To: {InitiatingUser}

Cc:

Bcc:
What special email addresses can I use?

* Email Subject: Quiz in {OrgUnitName}
What replace strings can I use in the subject and message?

Message: Basic | Advanced

Hello {InitiatingUserFirstName},

This is just to bring your attention to your quiz score for the **Chapter 15 quiz** on Directors in {OrgUnitName}. Check the gradebook to see your score and contact me if you have any concerns about your performance in class so far.

You can reach me at jane.smith@school.edu

Cancel   Save

Create a customized message to students who meet the criteria you set.

You can include Replace Strings in the message body, including First Name, Title of Course, etc. See the next page for more information on Replace Strings

If you, the instructor, add your own email address to the cc: or bc: field, you will get a copy of each message sent to each student and therefore know who the message was sent to.

You will receive a message when the agent runs and whether action was taken (messages sent to students). If no students meet the criteria, no students will be sent a messages.

REPLACE STRINGS

Replace String to use in the To: field of your email message

{InitiatingUser}

What replace strings can I use in the subject and message?
The following are replace strings you can use in the subject line and the message (email body).

{OrgName} - The name of the organization.
{OrgUnitCode} - The code for the org unit.
{OrgUnitName} - The name of the org unit.
{OrgUnitStartDate} - The start date specified for the org unit.
{OrgUnitEndDate} - The end date specified for the org unit.
{InitiatingUserFirstName} - The first name of the initiating user.
{InitiatingUserLastName} - The last name of the initiating user.
{InitiatingUserUserName} - The username of the initiating user.
{InitiatingUserOrgDefinedId} - The Org Defined ID of the initiating user.
{LoginPath} - The address of the login path for the site.

INTELLIGENT AGENT

Agent Action

Action Repetition: ○ Take action only the first time the agent's criteria are satisfied for a user
◉ Take action every time the agent is evaluated and the agent's criteria are satisfied for a user
Which action repetition should I use?

Personalized Message with Replace Strings

Schedule: ☑ Use Schedule
Schedule: Evaluated every 4 day(s) starting Monday, March 16, 2009 until Friday, April 10, 2009
Next Run Date: No schedule defined

[Update Schedule]

What does an agent's action schedule determine?

Set up the Agent to run on a schedule, with begin and end dates and a frequency (or just run the agent manually whenever you want)

Email Format: ○ HTML
◉ Plain text

* To: [{InitiatingUser}]

Cc: [   ]

Bcc: [   ]

What special email addresses can I use?

* Email Subject: [{OrgUnitName}]

What replace strings can I use in the subject and message?

use this link to insert replacement strings in the message

Message: [Basic] [Advanced]

Hi {InitiatingUserFirstName},

This is just a reminder that your online course, {OrgName}, needs your attention. It appears that you have not logged in to the course in the past five or more days. To be successful and to keep up with the coursework, you should be logging in at least three times a week.
If you have any questions about the assignments, or you are having any problems with the class, please contact me at jane.smith@school.edu

--Jane

[Cancel]   [Save]

Minnesota State Colleges and Universities   D2L Upgrade to Version 9.0 – Modified for SCC Use
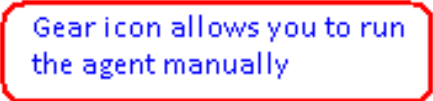
INTELLIGENT AGENT – AGENT LIST

Agent List

Agent List   New Agent

⊘ indicates agent is not enabled and will not run automatically

View: [All agents ▾] [Apply]

Agent ▲   **Actions**

No login 5 Days ⊘
Last Run Date: Apr 9, 2009 8:00 PM

Gear icon allows you to run the agent manually

Performance to Date--Ch 15 Quiz ⊘
Last Run Date: Feb 5, 2009 4:18 PM
Lower than 70% grade in gradebook

Quiz #2 performance ⊘
Last Run Date: Feb 5, 2009 4:18 PM
Grade lower than 70% for quiz 2.

You can create several agents with different criteria. You can schedule your agents to run or you can manually run your agents.

Intelligent Agent Messages To Instructors

After an agent runs, the instructor receives an email message that confirms the agent ran, and indicates whether action was taken. The "action" the agent takes is sending email messages to students who met the criteria. If no students met the criteria, Action Taken would be "No". Example of a Message:

The following agent has finished running:

Org Unit: May2010V9TestCourse - May 2010 Version 9 Test Course

Agent: No Login

Request Submitted: Thursday, May 27, 2010, 8:04:18 AM

Agent Completed: Thursday, May 27, 2010, 8:04:20 AM

Action Taken: Yes

Intelligent Agents—E-Mail Messages To Students

- The instructor does not know which students received the message, only that the agent was run and action was taken

- If instructor wants to know which students receive the message, instructor can put his/her own email address in the cc: or bc: field of the email message

- The instructor will receive a copy of each message that the agent generates for each student

- That can be a lot of messages, but it is the only way to get that information

- A feature request has been submitted to D2L to provide the instructor with the list of students who received the message in a single e-mail to the instructor

RESOURCES FOR D2L VERSION 9.0

- D2L Community Site
  http://community.desire2learn.com
  - Must be a member—use Enrollment link at the site*
  - Searchable Online Help (can bookmark help topics)
  - Webinar Recordings
  - News—Subscribe to The Horizon newsletter
  - Discussions with D2L Users Worldwide

> * D2L will verify that you are a faculty or staff member at a client institution and will contact you with a username to enter the Community, usually within 48 hours of your request.