

# UCIPT Labeling-System Report

Team: Algan Rustinya, Howard Huang

Date: 08/22/2017

## 1. Coder's View

### Coder's home page view

The screenshot shows the homepage of the UCIPT Labeling System. At the top, there is a dark header bar with the UCIPT logo, the text "UCIPT Labeling System", the user greeting "Hello, coder1@gmail.com", and a "Logout" button. Below the header is a light blue navigation bar with the word "Home". The main content area has two blue rectangular cards. The first card, titled "Profile", contains a small user icon and the text "View your profile and check your progress.", with a "View Profile" button. The second card, titled "My Tasks", contains a small task icon and the text "View the list of tasks you are given.", with a "Get it done!" button.

Coder's profile page shows the email, number of task the coder is participating, and the number of responses the coder has given.

The screenshot shows the "Account Detail" page of the UCIPT Labeling System. The top navigation bar is identical to the home page. The main content area displays the user's account information: "email: coder1@gmail.com", "number of tasks: 2", and "number of responses: 3". Below this information is a "Change Password" button.

### Coder's task list

The screenshot shows the "Task List" page of the UCIPT Labeling System. The top navigation bar is identical to the previous pages. The main content area lists two tasks: "Sample Task" and "Sample Task 2", each with a "Get it done!" button.

### Take task view:

The coder will be prompted to a prerequisite quiz (if they have not complete it yet) before doing the actual task.

The screenshot shows the UCIPT Labeling System interface. At the top, there is a logo for UCIPT and the text "UCIPT Labeling System". On the right side, it says "Hello, coder1@gmail.com" and has a "Logout" button. Below the header, a blue bar contains the word "Home". The main content area starts with a greeting "Hi there, coder1@gmail.com!". Below this, a message states: "This is a quiz to make sure that you understand how to label. You will need to complete the quiz before doing the actual task. Don't worry, you can take the quiz as many times as you want!" A horizontal dashed line follows. Underneath, there are three lines of text: "Title: Sample Quiz", "Passing Mark: 70", and "Description:". At the bottom center is a blue "Start" button.

The post will be displayed one by one in random order

The screenshot shows the UCIPT Labeling System interface. At the top, there is a logo for UCIPT and the text "UCIPT Labeling System". On the right side, it says "Hello, coder1@gmail.com" and has a "Logout" button. Below the header, a blue bar contains the word "Home". The main content area displays a post titled "post3". The post content consists of three items, each with a radio button and a label: a green radio button followed by "label1", a grey radio button followed by "label2", and a white radio button followed by "label3".

If the coder fails to complete the quiz, they can retake it

The screenshot shows the UCIPT Labeling System interface. At the top, there is a logo for UCIPT and the text "UCIPT Labeling System". On the right side, it says "Hello, coder1@gmail.com" and has a "Logout" button. Below the header, a blue bar contains the word "Home". The main content area displays a message: "You did not pass the quiz! No problem, you can retake the quiz as many time as you want! Would you like to retake the quiz?!. Please click the button below to retake the quiz." At the bottom center is a blue "Retake" button.

Upon completing the quiz, the coder can take the actual task

The screenshot shows the UCIPT Labeling System homepage. At the top, there is a dark header bar with the UCIPT logo, the text "UCIPT Labeling System", the user greeting "Hello, coder1@gmail.com", and a "Logout" button. Below the header is a light blue navigation bar with the "Home" link. The main content area has a white background. It displays a message "Congratulation, coder1@gmail.com!" followed by "You have passed the quiz! Now you are ready to work on actual task!". It also says "Please click the button below to continue with the actual task." A large blue "Start" button is centered at the bottom of this section.

The coder will be given post from the task until there is no more post to be labelled

The screenshot shows the "Task List" page with the "Take Task" option selected. The main content area displays a single task post titled "post2". The post contains three options for labeling: "label1" (radio button), "label2" (radio button), and "label3" (radio button, which is currently selected). The background of the task area is dark grey.

When there is no more post to be labelled the coder will see a thanks message

The screenshot shows the "Task List" page with the "Task Complete" option selected. The main content area displays a message "Thank you, coder1@gmail.com!" followed by "You have completed this task!". It also says "Please click the button below to return to the task list." A large blue "Task List" button is centered at the bottom of this section.

## 2. Admin's View

Admin has additional "Admin Index" view

The screenshot shows the Admin Index view of the UCIPT Labeling System. At the top, there is a dark header bar with the UCIPT logo, the text "UCIPT Labeling System", the user's email "Hello, algan\_br@hotmail.com", and a "Logout" button. Below the header is a light blue navigation bar with the word "Home". The main content area contains three blue rectangular boxes. The first box is titled "Profile" with a person icon and says "View your profile and check your progress." with a "View Profile" button. The second box is titled "My Tasks" with a list icon and says "View the list of tasks you are given." with a "Get it done!" button. The third box is titled "Admin Index" with a gear icon and says "Create and send new tasks. Evaluate existing task." with an "Inspect" button.

There are three actions available for admin in the admin index

1. Create New Task: this is an interface to help the admin create new task with its prerequisite quiz and send it to the coders by email.
2. Task Evaluation: this is a way for the admin to evaluate the task they owned and get the Krippendorff's alpha
3. UCIPT Admin Site: this will bring the user to the Django admin site and do things using Django admin interface.

The screenshot shows the Admin Home view of the UCIPT Labeling System. At the top, there is a dark header bar with the UCIPT logo, the text "UCIPT Labeling System", the user's email "Hello, algan\_br@hotmail.com", and a "Logout" button. Below the header is a light blue navigation bar with the words "Home > Admin Home". The main content area contains three blue rectangular boxes. The first box is titled "Create New Task" with a pencil icon and says "Step by step interface to create and send new task." with a "Start" button. The second box is titled "Task Evaluation" with a list icon and says "Evaluate the task you have assigned to the coders." with a "Check it out!" button. The third box is titled "UCIPT Admin Site" with a gear icon and says "Go directly to the django admin site where you can view and make changes to the database." with an "Inspect" button.

## 2.1 Create New Task

### Step 1: Create the task

The admin can enter the title and description through the interface and upload the post and labels for the task.

The uploaded file should be in the format:

```
1 |label1| label2| label3  
2 post1  
3 post2  
4 post3
```

The first line is the list of labels separated by vertical bar '|'

The rest of the lines are the posts

### Step 2: Create Prerequisite Quiz (Optional)

The admin then has a choice whether or not to add a prerequisite quiz for the task. The admin may skip step 2 and leave the task without prerequisite.

The format of the uploaded file for the quiz is slightly different from the task, as it requires the expected label for each post. The format should be as follows:

```
1 |label1| label2| label3  
2 post1 | label1  
3 post2 | label2  
4 post3 | label3
```

For every post, it should be followed by a vertical bar and the expected label

### Step 3: Send the task to coders via email

Step 3: Send Task

Note: Enter the coders to participate in the task line by line

**Participating coders**

```
coder1@example.com  
coder2@example.com  
...
```

**Submit**

The admin should enter the coder's email per line and click submit. Each coder in the list will then receive an email to participate in the task. New coders will have to register first while registered coders can login to the website to participate in the task.

## 2.2 Task Evaluation

The admins can view the list of task that they created.

UCIPT Labeling System

Hello, algan\_br@hotmail.com

Logout

Home > Admin Home > Task Evaluation List

Sample Task	Evaluate this task!
Sample Task 2	Evaluate this task!

The admin can evaluate each task and get the Krippendorff's alpha

The screenshot shows a web application interface titled "UCIPT Labeling System". At the top right, it says "Hello, algan\_br@hotmail.com" and has a "Logout" button. Below the header, the URL path is "Home > Admin Home > Task Evaluation List > Task Evaluation Detail". The main content area is titled "Sample Task Evaluation" and contains a table with three rows. The table has four columns: "POST", "CODER1@GMAIL.COM", "CODER2@GMAIL.COM", and "CODER3@GMAIL.COM". The data in the table is as follows:

POST	CODER1@GMAIL.COM	CODER2@GMAIL.COM	CODER3@GMAIL.COM
post1	label1	label1	label1
post2	label2	label2	label2
post3	label3	label1	label3

Below the table, the text "Krippendorff's alpha: 0.6923076923076923" is displayed.

The page is dynamic as the table and the alpha may change along with the coders responds.

### 2.3 UCIPT Admin Site

This is the Django admin interface that allows the admin to add, change, or delete each objects in the database.

The screenshot shows the "UCIPT Administration" Django admin interface. At the top, it says "WELCOME, ALGAN\_BR@HOTMAIL.COM. VIEW SITE / CHANGE PASSWORD / LOG OUT". The left sidebar lists several models: "AUTHENTICATION AND AUTHORIZATION" (Groups), "CUSTOM USER" (Users), "LABEL" (Labels), "POST" (Posts), and "QUIZ" (Answer keys, Quizzes). Each model has "Add" and "Change" buttons. On the right, there are two panels: "Recent actions" (empty) and "My actions" (a list of recent operations, mostly "Post response" entries from different coders like coder1@gmail.com, coder3@gmail.com, and algan\_br@hotmail.com).