

CCPS - Project Manual

CSEKU SDP 2017 PROJECT

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Index:

Topics	Page No
Introduction	4
1. Website	4
1.A Registration	5
1.A-1. Client	5
1.A-2 Staff	6
1.B Login	6
B-1 Client Login	7
B-2 Staff Login	8
B-3 Admin Login	11
2. Android	16
2.A Login	17
A-1. Client	19
A-2 Staff	20
3. Appendix	
Total Economical State	22
Conclusion	24

Github Link:

https://github.com/mefahimrahman/CSEKU_SDP_2017_Contractual_Company_Payment_System

Introduction:

The Project Model is SaaS (Software as a Service) thus we can produce SUBDOMAIN as many as Contractual companies asks. After approve their SUBDOMAIN and give them a separated Database they can register their Staffs and Clients and continue to ask contracts and serves contracts. This way CCPS has the template and companies will use a copy of template.

Now let's take a tour to full Manual:

1. Website

Through our Website Client & Staff can make their Profiles. After getting approved by their company Admin, Client can make contract and send money to his company Admin and Staff can accept the contract and receives money.

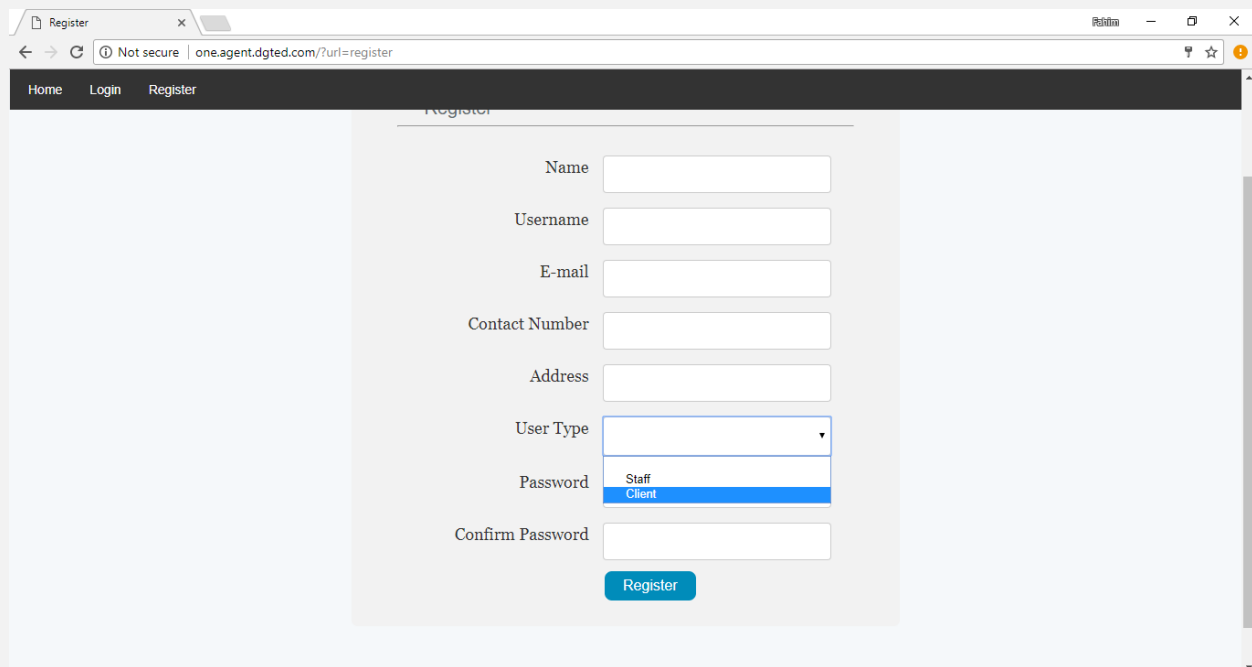
1. A - Registration

Let's take a look about Client & Staff Registration.

A-1. Client

Registration UI of Client:

To register as a client one has to submit all the info & select 'User Type' as 'Client'.



The screenshot shows a web browser window with the URL `one.agent.dgted.com/?url=register`. The page has a dark navigation bar with links for Home, Login, and Register. The main content area is titled "Register" and contains a form with the following fields:

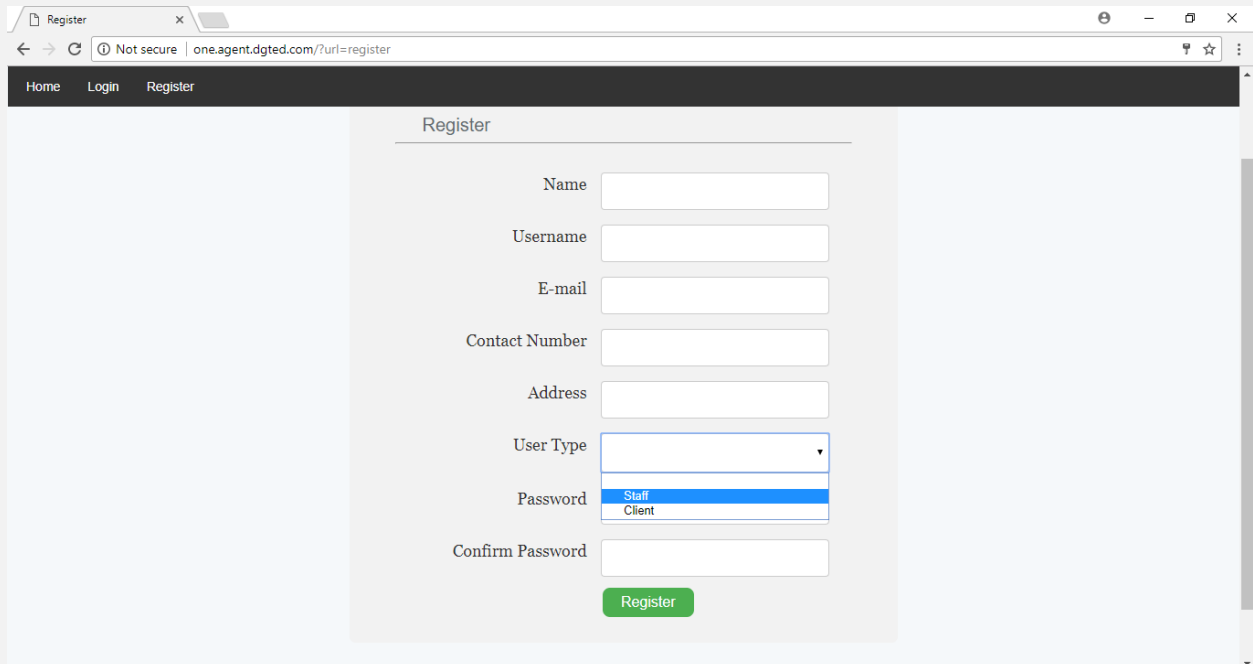
- Name:
- Username:
- E-mail:
- Contact Number:
- Address:
- User Type: (dropdown menu with "Staff" and "Client" options, where "Client" is highlighted)
- Password:
- Confirm Password:

A blue "Register" button is located at the bottom of the form.

A-2. Staff

Registration UI of Staff:

To register as a staff one has to submit all the info & select 'User Type' as 'Staff'.



The screenshot shows a web browser window with the URL `one.agent.dgted.com/?url=register`. The page has a dark navigation bar with links for Home, Login, and Register. The main content area is titled "Register" and contains a form with the following fields:

- Name:
- Username:
- E-mail:
- Contact Number:
- Address:
- User Type: (dropdown menu with "Staff" and "Client" options)
- Password:
- Confirm Password:

A green "Register" button is located at the bottom of the form.

1.B Login

Let's take a look about Client, Staff & Admin role and how Client can make a contract & how Admin Proceed these and Staff accept contract & receives money.

B-1. Client

Let's see how a Client can 'Make Contract' and 'Send Money' to admin.

a. Make Contract:

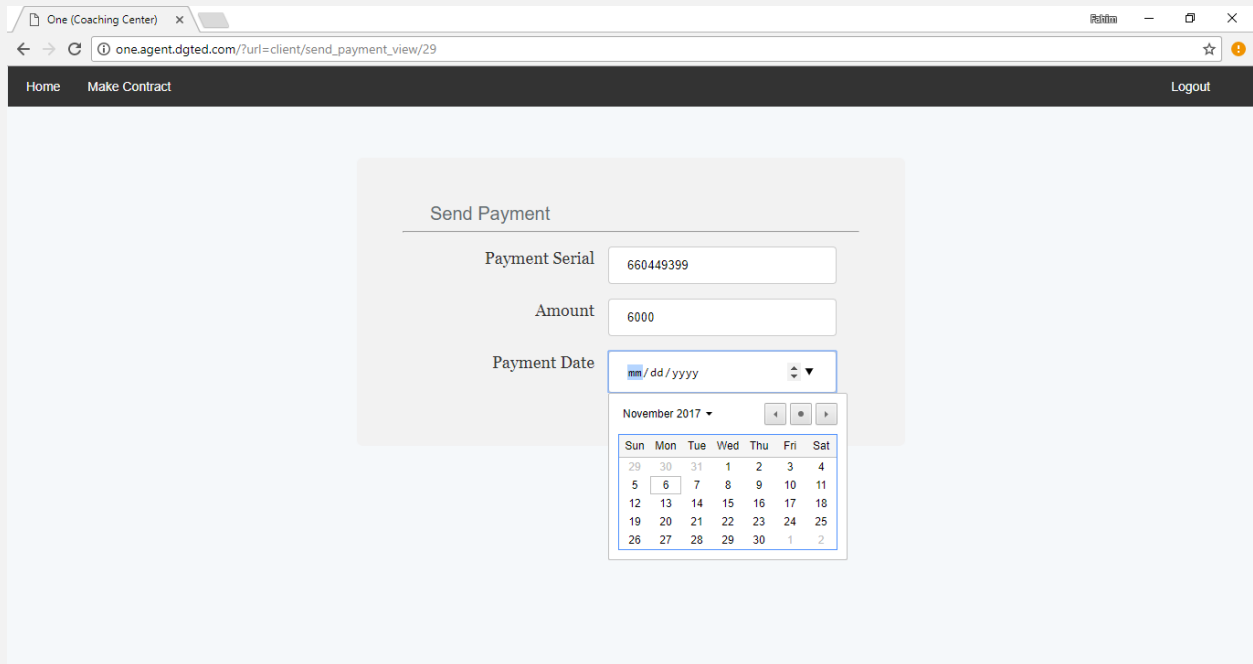
To make contract Client must've to fill the all info including the location where he/she wants to be served by a staff of that company. After clicking 'Submit' the admin does the rest for this contract.

The screenshot shows a web browser window with the URL `one.agent.dgted.com/?url=client/make_contrac`. The page has a dark navigation bar with 'Home', 'Make Contract', and 'Logout' links. The main content area is titled 'Make Contract' and contains several input fields: 'Contract Title', 'Working Hour', 'Monthly Working Day', 'Starting Date' (with a date picker showing 'dd/yyyy'), 'Monthly Payment' (with a calendar for November 2017), and 'Month Limit'. Below these is a section for 'Contract Location' with 'Latitude' and 'Logitude' (sic) input fields. A blue 'Submit' button is at the bottom.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2

b. Send Money:

After the staff submitted his/her duties client sends the money. He/she can send money both fully/Partially, Advance/Later. To proceed this he/she have to put the Transection Id as a Payment serial and the submission date.



One (Coaching Center) x

one.agent.dgtd.com/?url=client/send_payment_view/29

Home Make Contract Logout

Send Payment

Payment Serial 660449399

Amount 6000

Payment Date mm/dd/yyyy

November 2017

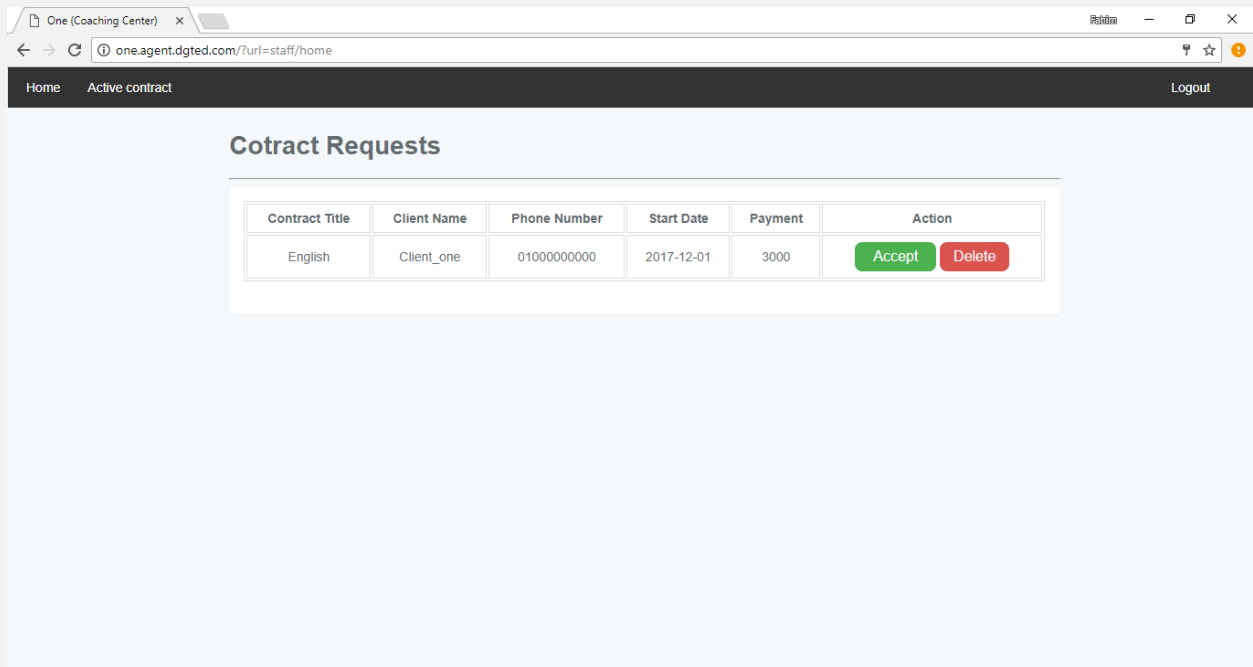
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2

B-2. Staff

Let's see how a Staff can 'Get Contract' and 'Receives Money' to admin.

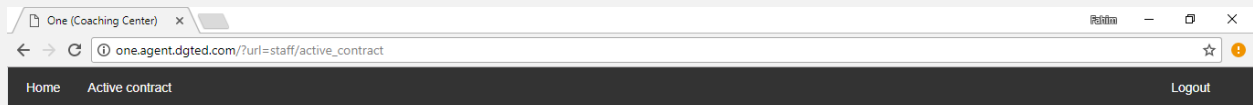
a. Get Contract:

The admin accept the contract request and send it to a staff after that if he/she wants then he/she can reject (Delete) or 'Accept' the contract.

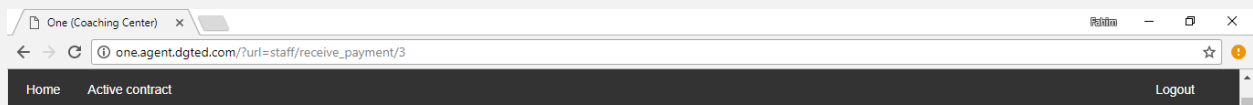


b. Receive Money:

After receives money from Client, Admin Sends money to staff basis on the daily submitted duties. By Clicking 'Receive' staff can receive his/her daily payment.



one.agent.dgtded.com/?url=staff/receive_payment/2



Payment

Duty Date	Action
2017-10-17	<button>Receive</button>
2017-10-24	<button>Receive</button>
2017-10-25	<button>Receive</button>

Payment Received

Duty Date	Status
2017-10-27	Received
2017-10-29	Received
2017-11-04	Received

one.agent.dgtded.com/?url=staff/send_payment_by_staff/12/3

B-3. Admin

a. Approve User:

The Company admin is unique and registered by the CCPS admin. He/she Accept/Reject the users (Staff/Client) of his/her company.

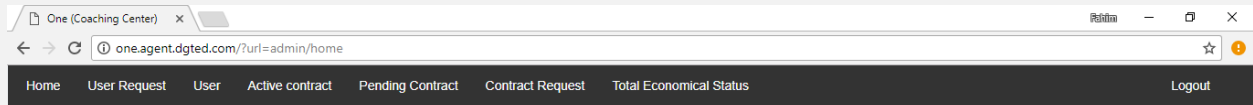
The screenshot displays a web application interface for managing user requests. The browser's address bar shows the URL: `one.agent.dgted.com/?url=admin/user_request`. The page has a navigation bar with links: Home, User Request, User, Active contract, Pending Contract, Contract Request, Total Economical Status, and Logout. The main content area is titled 'User Request' and contains a table with the following data:

Name	Phone Number	E-mail	Rolename	Action
Elsa	+18983983	elsa@gmail.com	staff	<button>Accept</button> <button>Delete</button>
Alen Shuvo	018737837887	alen001@gmail.com	staff	<button>Accept</button> <button>Delete</button>
Linat	01877777777	lanatrusdhi@gmail.com	staff	<button>Accept</button> <button>Delete</button>
Ryhan Ahmed Tamim	01778506265	tcse007@gmail.com	client	<button>Accept</button> <button>Delete</button>
Ayat Shaikh1	017700000000	ayat008@gmail.com	staff	<button>Accept</button> <button>Delete</button>
Ryhan Ahmed Tamim	01778506265	tcse007@gmail.com	client	<button>Accept</button> <button>Delete</button>
Ayat Shaikh	017700000000	ayat@gmail.com	staff	<button>Accept</button> <button>Delete</button>
Saraz Nag	01521313633	saraznag@mail.com	client	<button>Accept</button> <button>Delete</button>

At the bottom of the page, a small text string is visible: `one.agent.dgted.com/?url=admin/accept user request/55`.

b. Approve Contract:

Admin can Accept/Reject the contract send by a Client and he/she decides how much money he/she will pay to his/her staff for that contract.



Contract Requests

Contract Title	Client Name	Start Date	Working Day	Payment	Action	
Math	Ryhan	2017-09-14	7	7000	Send Request	Delete
Math	Israt Jahan Samanta	2017-09-15	6	7000	Send Request	Delete
Bio-logy	Ryhan	2017-10-14	5	5000	Send Request	Delete
Chemisty	Israt Jahan Samanta	2017-10-14	7	7000	Send Request	Delete
Chemistry	Israt Jahan Samanta	2017-10-21	7	7000	Send Request	Delete

c. Send Contract to Staff:

After clicking on 'Accept' Admin must've to choose a staff to complete the contract. He/she can see all the staff in the 'Select Staff' section.

The screenshot shows a web browser window with the URL `one.agent.dgted.com/?url=admin/send_contract_request/19`. The browser's address bar and navigation buttons are visible. Below the address bar is a dark navigation bar with the following links: Home, User Request, User, Active contract, Pending Contract, Contract Request, Total Economical Status, and Logout. The main content area displays a form titled "Send Contract". The form has two fields: "Monthly Payment for Staff" with a value of "3000" and "Select Staff" with a dropdown menu. The dropdown menu is open, showing a list of staff names: Ryata, Ayat Shaikh, Jasu Khan, Israt Jahan, Abdul Lotif, and onestaff. The "onestaff" option is highlighted in blue.

Monthly Payment for Staff	Select Staff
3000	<div>Ryata</div> <div>Ayat Shaikh</div> <div>Jasu Khan</div> <div>Israt Jahan</div> <div>Abdul Lotif</div> <div>onestaff</div>

d. Receive Money From Client:

When the Client sends money fully/partially or advance/later to the admin and after admin receives money then the admin clicks 'Receives'.

The screenshot shows a web application interface for managing payments. The browser address bar indicates the URL: `one.agent.dgtd.com/?url=admin/receive_payment/2`. The navigation menu includes: Home, User Request, User, Active contract, Pending Contract, Contract Request, Total Economical Status, and Logout.

Payment Send By Client

payment Serial	Date	Amount	Action
777333	2017-08-30	1000	<button>Receive</button>
777333	2017-08-30	1000	<button>Receive</button>
66788222	2017-10-30	7000	<button>Receive</button>
2147483647	2017-10-31	1000	<button>Receive</button>

Payment Received

Date	Amount
2000	2017-11-02

one.agent.dgtd.com/?url=admin/receive_payment_by_admin/14/2

e. Send Money To Staff:

After accept money from client the admin sends the money to Staff basis on his/her daily submitted duties.

By clicking 'Send' Button.

The screenshot shows a web browser window with the URL `one.agent.dgted.com/?url=admin/send_payment/3`. The page has a dark navigation bar with links: Home, User Request, User, Active contract, Pending Contract, Contract Request, Total Economical Status, and Logout. The main content area is titled "Payment" and contains a table with the following data:

Duty Date	Action
2017-10-06	<button>Send</button>
2017-10-04	<button>Send</button>
2017-10-02	<button>Send</button>
2017-10-16	<button>Send</button>

Below this table is a section titled "Payment Sended" with another table showing the status of payments:

Duty Date	Status
2017-10-17	Paid
2017-10-24	Paid

The browser's address bar shows the URL `one.agent.dgted.com/?url=admin/send_payment_by_admin/6/3`.

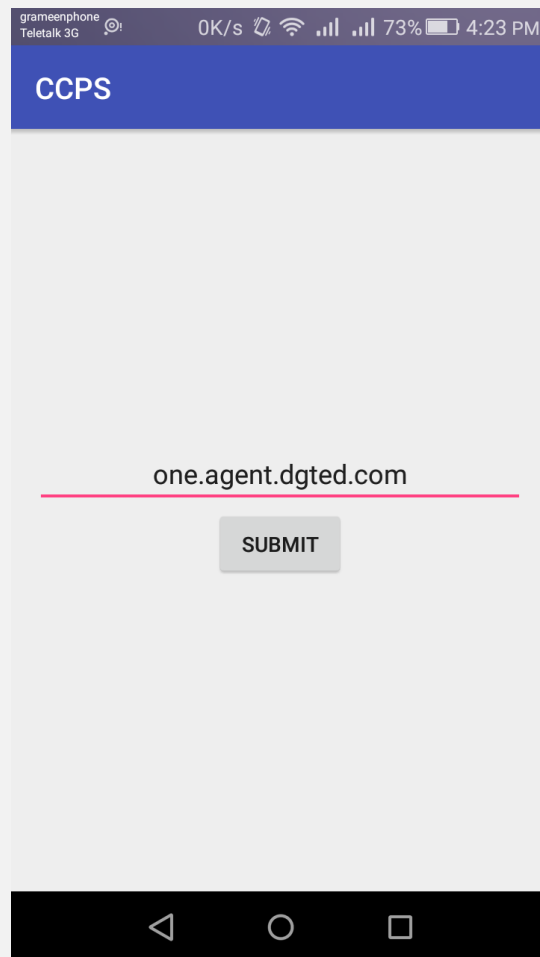
2. Android

The Client makes a contract and a staff select that through admin then the staff have to submit his duties. Here we use 'Two-Step Verification'. First the staff has to turn on his GPS and we matches it the location of contact which was given by the client at the time of contact make. Then After the client accept the duty then the duty will be counted as submitted duty. Then the admin can send money to that staff through our web page.

2. A - Login

Only Staff & Client can login the mobile app. It can use to verify the client location and to manage the duties of staff and Client can manage this via accept the Staff duties.

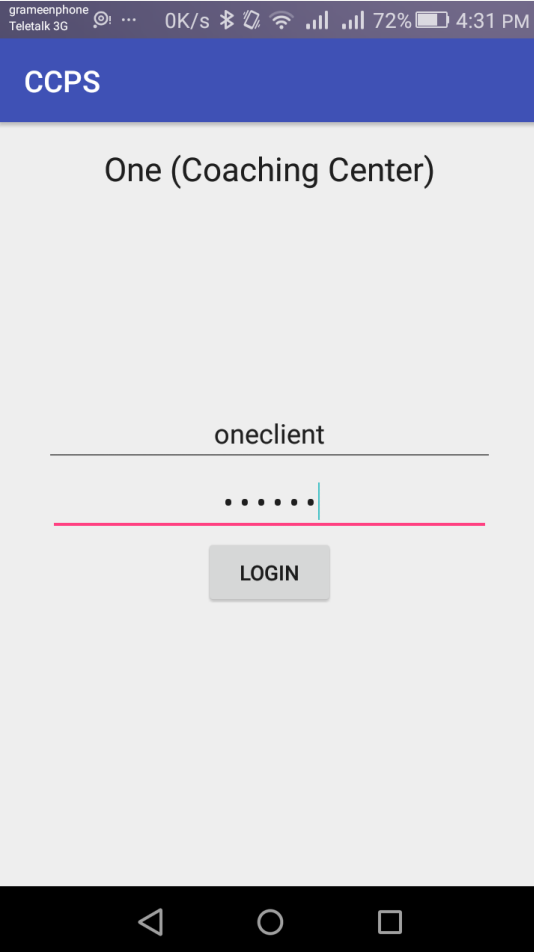
First Enter the Company URL (Ex: Company ONE's URL is used):



The screenshot shows a mobile app interface for 'CCPS'. At the top, there is a status bar with 'grameenphone Teletalk 3G', '0K/s', signal strength indicators, '73%' battery, and '4:23 PM'. Below the status bar is a blue header with 'CCPS' in white. The main area is light gray and contains a text input field with the URL 'one.agent.dgted.com' and a red underline. Below the input field is a gray 'SUBMIT' button. At the bottom is a black navigation bar with three white icons: a triangle, a circle, and a square.

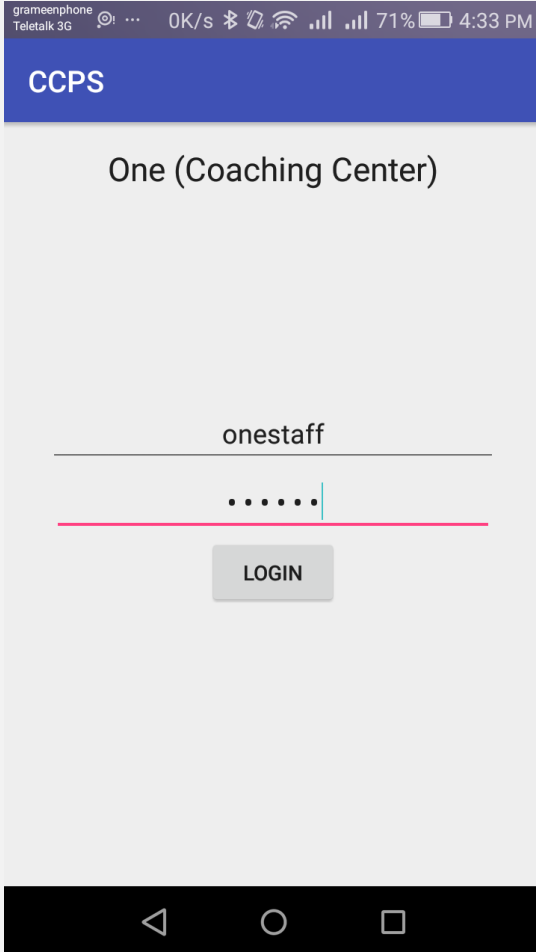
Then the client & staff of Company ONE can login-

Client Login



A mobile app interface for client login. The status bar at the top shows 'grameenphone Teletalk 3G', signal strength, 0K/s, and 72% battery at 4:31 PM. The app has a blue header with 'CCPS'. Below it, the text 'One (Coaching Center)' is centered. The login form consists of a text field with 'oneclient' and a password field with six dots. A pink horizontal line is below the password field. A grey 'LOGIN' button is at the bottom of the form. The Android navigation bar is at the very bottom.

Staff Login



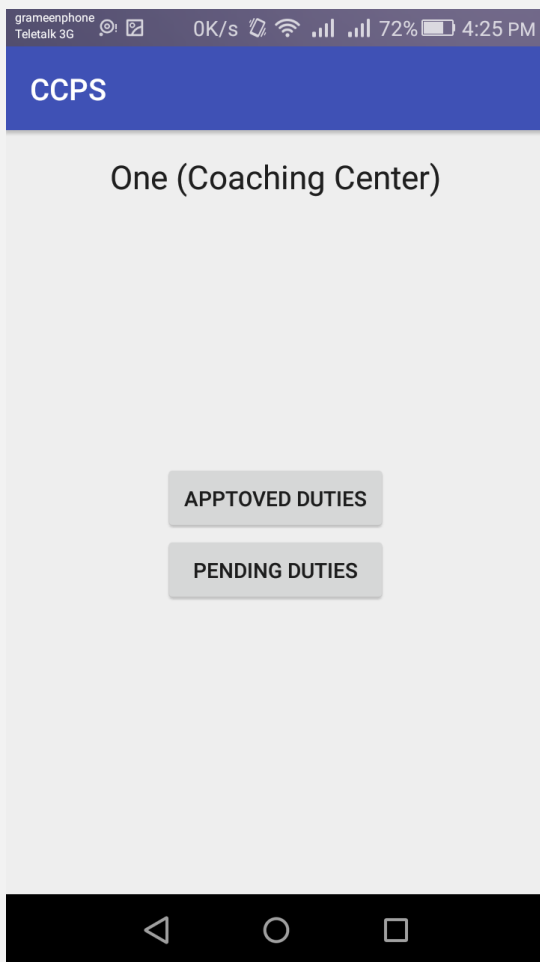
A mobile app interface for staff login. The status bar at the top shows 'grameenphone Teletalk 3G', signal strength, 0K/s, and 71% battery at 4:33 PM. The app has a blue header with 'CCPS'. Below it, the text 'One (Coaching Center)' is centered. The login form consists of a text field with 'onestaff' and a password field with six dots. A pink horizontal line is below the password field. A grey 'LOGIN' button is at the bottom of the form. The Android navigation bar is at the very bottom.

A-1. Client

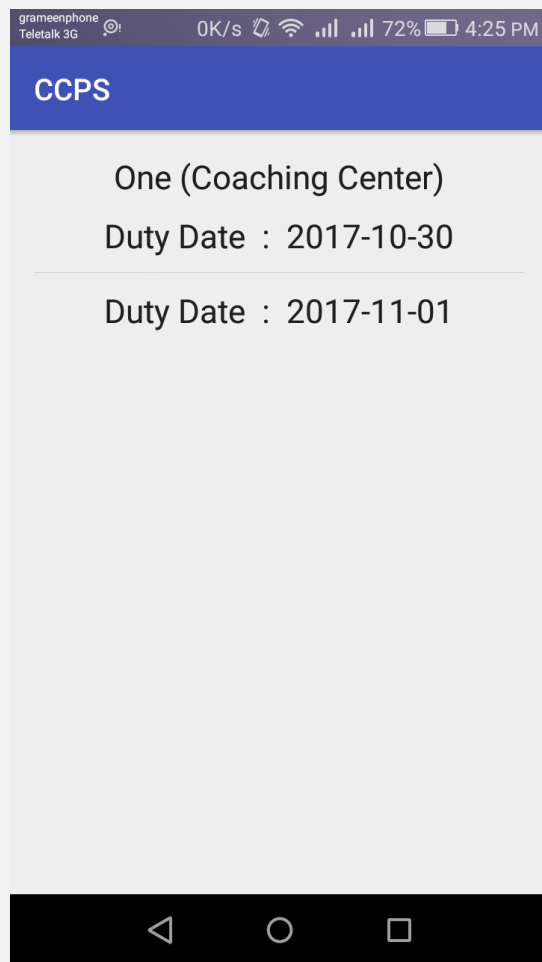
a. Approve Duties:

After Staff's location verified Staff can submit his/her duties and then if the admin approve the duty (By Clicking on the date) the staff duty has been approved.

Step 1



Step 2

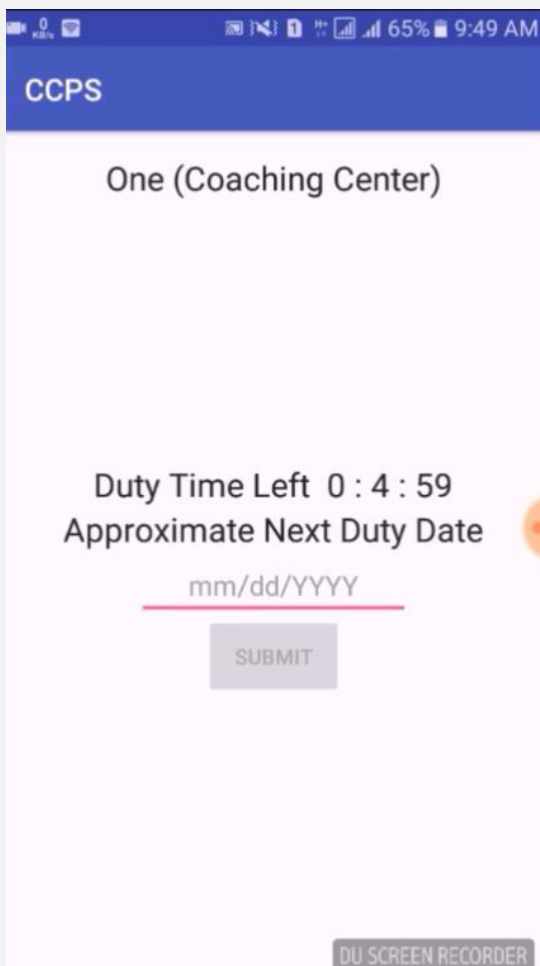


A-2. Staff

a. Submit Duties:

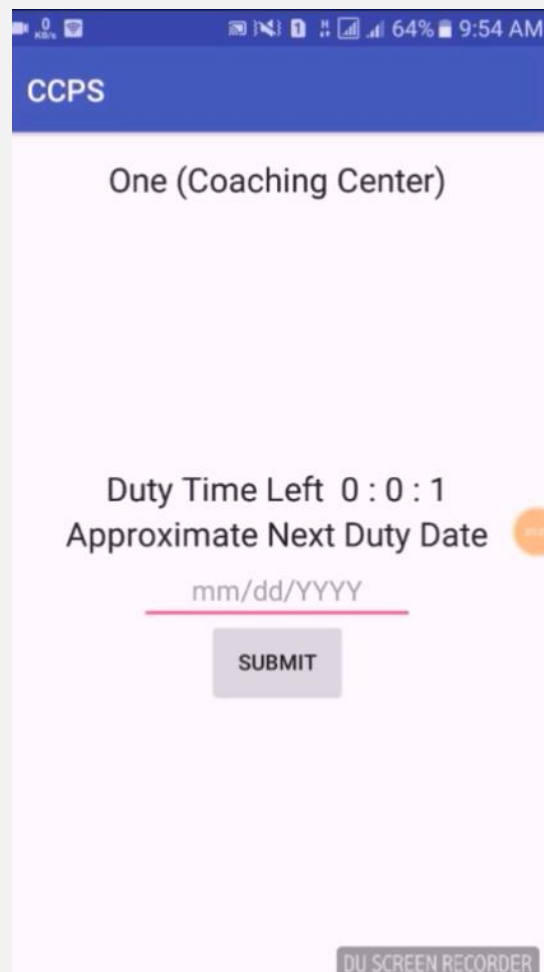
First verification step. It will check the location of staff in a specific interval of time depending on the duration of duty time. If the location doesn't match on a peek of time then the count downer will stop. Finally if the location remains same all the time of contract duration then the Staff can submit his/her duty.

Not Active



The screenshot shows the CCPS app interface. At the top, the status bar indicates 0 KB/s, signal strength, 65% battery, and 9:49 AM. The app header is blue with 'CCPS' in white. Below the header, the text 'One (Coaching Center)' is displayed. In the center, 'Duty Time Left 0 : 4 : 59' and 'Approximate Next Duty Date' are shown above a date input field with the placeholder 'mm/dd/YYYY'. A grey 'SUBMIT' button is positioned below the date field. At the bottom, a grey bar contains the text 'DU SCREEN RECORDER'.

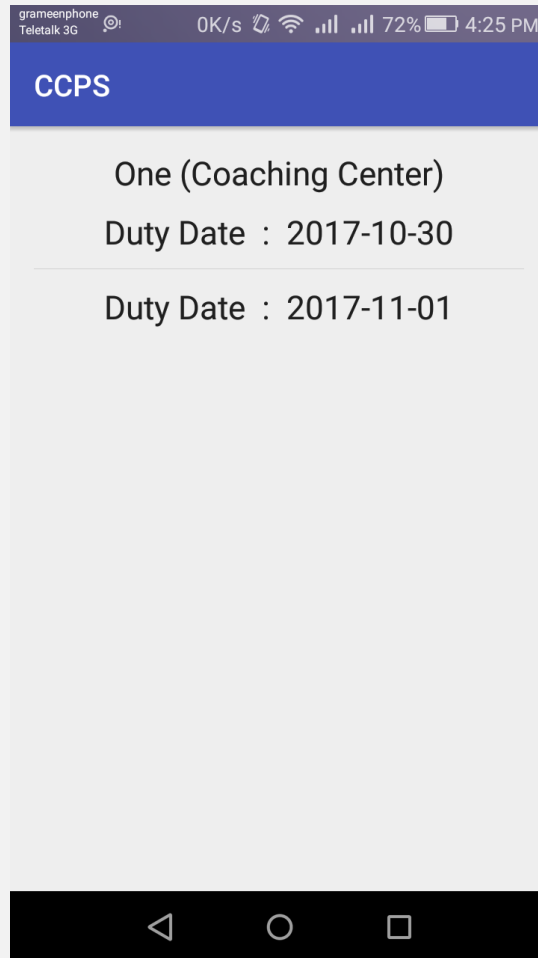
Button Active



The screenshot shows the CCPS app interface. At the top, the status bar indicates 0 KB/s, signal strength, 64% battery, and 9:54 AM. The app header is blue with 'CCPS' in white. Below the header, the text 'One (Coaching Center)' is displayed. In the center, 'Duty Time Left 0 : 0 : 1' and 'Approximate Next Duty Date' are shown above a date input field with the placeholder 'mm/dd/YYYY'. A grey 'SUBMIT' button is positioned below the date field. At the bottom, a grey bar contains the text 'DU SCREEN RECORDER'.

b. Pending Duties:

Here Staff can see the list of pending duties of this contract.



3. Appendix

Total Economical Status:

Economical status can **only** be seen by the admin in the website. Here he/she can see that how much payment company received from the client, and how much money sent to the Staff and also total loss and profit.

The screenshot shows a web browser window with the URL `one.agent.dgted.com/?url=admin/totalstatus`. The page has a navigation bar with links: Home, User Request, User, Active contract, Pending Contract, Contract Request, Total Economical Status, and Logout. The main content area is titled 'Total Economical Status' and contains a date range filter with 'From' and 'To' date pickers (format mm/dd/yyyy) and a green 'Filter' button. Below the filter is a table with the following data:

Contract Id	Received Payment	Send Payment	Profit
2	2000	4445	-2445
3	7000	6000	1000
7	1000	0	1000
13	0	0	0
14	4000	0	4000
23	2000	0	2000
26	1000	0	1000
29	0	0	0
		Total Profit	6555

Admin can use filter to see the selected day's economical status.

The screenshot shows a web application interface for 'One (Coaching Center)'. The browser address bar displays 'one.agent.dgted.com/?url=admin/totalstatus'. The navigation menu includes 'Home', 'User Request', 'User', 'Active contract', 'Pending Contract', 'Contract Request', 'Total Economical Status', and 'Logout'. The main heading is 'Total Economical Status 2017-09-18 To 2017-11-22'. Below this, there are two date input fields: 'From' with the value '09/18/2017' and 'To' with the value '11/15/2017'. A blue 'Filter' button is positioned to the right of the 'To' field. Below the filter section is a table with four columns: 'Contract Id', 'Received Payment', 'Send Payment', and 'Profit'. The table contains data for contract IDs 2, 3, 7, 13, 14, 23, 26, and 29, followed by a 'Total Profit' row. The values for 'Received Payment' are 2000, 7000, 0, 0, 0, 0, 0, and 0 respectively. The values for 'Send Payment' are 4445, 6000, 0, 0, 0, 0, 0, and 0 respectively. The 'Profit' values are -2445, 1000, 0, 0, 0, 0, 0, and 0 respectively. The 'Total Profit' is -1445.

Contract Id	Received Payment	Send Payment	Profit
2	2000	4445	-2445
3	7000	6000	1000
7	0	0	0
13	0	0	0
14	0	0	0
23	0	0	0
26	0	0	0
29	0	0	0
		Total Profit	-1445

Conclusion:

Here in the manual the given instructions (ex: Screenshots) are taken from one the companies of CCPS (Contractual Company Payment System). As its design model is **SaaS** (Software as a Service) so many companies can use it with keeping their own properties (Separated Database, own SUBDOMAIN) but the basic operations like client-admin-staff relation will be same.