

Abdul Malik Ikhsan  
 Komplek Nata Endah Blok U19 Cihanjuang  
 Cimahi Utara Jawa Barat 40513  
 Indonesia

Europe Copper Limited  
 EC1V 4PW  
 145-157 St. John's Street  
 London  
 United Kingdom

Invoice # 0000052  
 Invoice Date August 1, 2019  
**Balance Due (USD) \$660.00**

Task	Time Entry Notes	Rate	Hours	Line Total
Programming Service	<p>[falk 07/01/19] Abdul Malik Ikhsan: unityapi:            - remove unused LogCustomerLogin api service</p> <p>AuthModule:            - bug fix: fix undefined variable staff            - removed logging to staff_login process as changed with oauth_logins log            - fix pull token_type from Client Result</p> <p>admin-falkcopperpans:            - bug fix: use db-falk-central adapter for cronlog since falk_redirect doesnt has cronlog table</p> <p>admin-kitchen:            - bug fix: use db-falk-central adapter for cronlog since falk_redirect doesnt has cronlog table</p>	30.00	1.25	37.50
Programming Service	<p>[falk 07/04/19] Abdul Malik Ikhsan: unityapi:            - apply log last logout timestamp on authenticated when authenticated and last record still has logout_timestamp = 0000-00-00 00:00:00            - fill login_timestamp from php to be consist with timezone set            - apply set old logout_timestamp still 0000-00-00 00:00:00 with + access lifetime second for authenticated</p> <p>AuthModule:            - apply last_login_info cookie to log logout when browser closed when session exists, and next time browser open, session already expired            - fix set expire cookie last_login_info on logout            - use access lifetime or rememberme lifetime for browser session expired</p>	30.00	4	120.00
Programming Service	<p>[falk 07/05/19] Abdul Malik Ikhsan: unityapi:            - add logout_type update for logout by expired or by click logout link            - fix logout_type cannot be null            - bug fix, ensure update logout_timestamp only when logout_timestamp is still 0</p>	30.00	2.25	67.50

Task	Time Entry Notes	Rate	Hours	Line Total
	AuthModule: - apply update logout_type - use isTimeout flag on clear to allow used in application force logout on expired token - Refactor OAuthRecord class dependencies - Refactor ApigilityAuthenticationAdapter service dependencies			
Programming Service	[falk 07/06/19] Abdul Malik Ikhsan: AuthModule: - fix check use of service parameter in ApigilityAuthenticationAdapter	30.00	0.25	7.50
Programming Service	[falk 07/08/19] Abdul Malik Ikhsan: unityapi: - bug fix: fallback isUserExists group_id check for GenerateAwsDownload which only check on email	30.00	0.25	7.50
Programming Service	[falk 07/09/19] Abdul Malik Ikhsan: unityapi: - fix missing group_id parameter check on forgot password send confirmation - bug fix: using get customer by customer id in NotifyProductAvailableRequest as parameter already use customer_id and fix missing group_id parameter in forgot password model - bug fix: add missing group_id check on activate user - bug fix: add missing group_id filter on set customer_status_id value on activate user	30.00	1.25	37.50
	AuthModule: - reduce fetch group_id by only fetch when needed			
Programming Service	[falk 07/10/19] Abdul Malik Ikhsan: kitchen: - remove unused "Admin" autoload and fix test	30.00	0.25	7.50
Programming Service	[falk 07/20/19] Abdul Malik Ikhsan: unityapi: - bug fix: remove isset check on group_id on IdentityPlugin to ensure all apis uses group_id when use the IdentityPlugin - remove unused columns list when possible on Identity plugin - bug fix: add group_id check in UpdateBasketId api service	30.00	1.25	37.50
	AuthModule: - bug fix: add missing group_id on update-basket-id api call as it check identity			
Programming Service	[falk 07/23/19] Abdul Malik Ikhsan: AuthModule: - remove duplicate \$app->getServiceManager() call - use \$this->session->getManager() call for usage inside AuthStorage class - normalize composer.json	30.00	0.25	7.50
Programming Service	[falk 07/24/19] Abdul Malik Ikhsan: - Verify about session infos - Help Neil for kitchen app installation in Neil's local dev	30.00	2.75	82.50
	AuthModule: - add current login ip and fwd ip address to session			

Task	Time Entry Notes	Rate	Hours	Line Total
	<ul style="list-style-type: none"> <li>- apply country code login and country name login to session</li> <li>- add view helper to display login info</li> <li>- register displayLoginInfoFactory view helper</li> <li>- non login check fix</li> </ul> <p>applications:</p> <ul style="list-style-type: none"> <li>- add displayLoginInfo() view helper call in header layouts</li> </ul>			
Programming Service	<p>[falk 07/25/19] Abdul Malik Ikhsan: AuthModule:</p> <ul style="list-style-type: none"> <li>- avoid redundant api call to get country information during login</li> <li>- bug fix check cache country data get</li> <li>- bug fix: missing use setUrl() to "default_logged_in_redirect" config when no redirect query in url</li> <li>- add missing defaultLoggedInRedirect property in AuthController</li> </ul>	30.00	1.5	45.00
Programming Service	<p>[falk 07/26/19] Abdul Malik Ikhsan: all apps:</p> <ul style="list-style-type: none"> <li>- use Y-m-d H:i:s for error hero module config</li> </ul> <p>kitchen:</p> <ul style="list-style-type: none"> <li>- fix set site setting config</li> </ul>	30.00	0.5	15.00
Programming Service	<p>[falk 07/27/19] Abdul Malik Ikhsan: - Help Neil install applications</p> <ul style="list-style-type: none"> <li>- Help Neil set MySQL config for group by</li> </ul> <p>unityapi:</p> <ul style="list-style-type: none"> <li>- add FetchLastAuthenticatedOauthRecord api service</li> </ul> <p>AuthModule:</p> <ul style="list-style-type: none"> <li>- unset unnecessary country_name in api call</li> <li>- implemented display last login info for previous login</li> <li>- add missing login timestamp current</li> </ul>	30.00	4.25	127.50
Programming Service	<p>[falk 07/30/19] Abdul Malik Ikhsan: Help Neil for local dev installation for EU and admin apps</p> <p>EU:</p> <ul style="list-style-type: none"> <li>- patch helper to make redirect to https only when server name = falkcoppercookware.com</li> </ul>	30.00	1	30.00
Programming Service	<p>[falk 07/31/19] Abdul Malik Ikhsan: Help Neil set local dev</p>	30.00	1	30.00


<b>Total</b>	<b>660.00</b>
Amount Paid	0.00
<b>Balance Due (USD)</b>	<b>\$660.00</b>

**Notes**

Bank Details

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Bank: BCA (Bank Central Asia)  
Bank Account: 008 090 8440  
SWIFT: CENAIJJA

This invoice was sent using 

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## PAYMENT STUB

Abdul Malik Ikhsan  
Komplek Nata Endah Blok U19 Cihanjuang  
Cimahi Utara Jawa Barat 40513  
Indonesia

<b>Client</b>	Europe Copper Limited
<b>Invoice #</b>	0000052
<b>Invoice Date</b>	August 1, 2019
<b>Balance Due (USD)</b>	\$660.00
<b>Amount Enclosed</b>	