Code Complexity Report

Source file: **./email/mailgun.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
	1	4	25	0
WithMailgun	1	3	15	3
	1	3	18	0
WithSender	1	3	13	2
Welcome	1	6	59	2
buildEmail	2	6	30	2

Source file: **./hash/hmac.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
NewHMAC	1	6	34	1
Hash	1	6	52	1

Source file: **./context/context.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
WithUser	1	3	30	2
User	3	8	50	1

Source file: **./views/view.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
	1	3	21	0
NewView	2	15	85	2
ServeHTTP	1	3	31	2
template	2	11	64	0
layoutFiles	2	7	35	0
addTemplatePath	2	5	27	1
addTemplateExt	2	5	27	1

Source file: **./views/data.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
SetAlert	2	14	72	1
AlertError	1	6	29	1
persistAlert	1	17	97	2
clearAlert	1	16	82	1
getAlert	3	15	69	1
RedirectAlert	1	4	43	5

Source file: **./rand/strings.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
Bytes	2	8	49	1
NBytes	2	7	43	1
String	2	7	42	1
RememberToken	1	3	16	0

Source file: **./models/galleries.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
ImagesSplitN	3	11	88	1
NewGalleryService	1	5	29	1
Create	2	9	46	1
Update	2	9	46	1
Delete	2	6	31	1
userIDRequired	2	6	27	1
titleRequired	2	6	27	1
ByID	1	6	48	1
ByUserID	2	8	59	1
Create	1	3	26	1
Update	1	3	26	1
Delete	1	4	41	1

Source file: **./models/services.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)

error	1	4	19	0
error	1	4	25	0
error	1	4	21	0
error	1	4	18	0
NewServices	3	9	50	1

Source file: **./models/users.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
NewUserService	1	10	68	3
Authenticate	4	16	96	2
newUserValidator	1	8	85	3
ByEmail	2	9	61	1
ByRemember	2	9	61	1
Create	2	19	86	1
Update	2	17	78	1
Delete	2	9	53	1
bcryptPassword	3	13	76	1
hmacRemember	2	7	41	1
setRememberIfUnset	3	11	49	1
rememberMinBytes	4	13	55	1
rememberHashRequired	2	6	27	1
error	2	6	21	0
	1	1	2	0

Source file: **./models/images.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
Path	1	6	35	0
RelativePath	1	3	27	0
NewImageService	1	3	12	0
Create	4	16	88	3
ByGalleryID	3	16	113	1
Delete	1	3	26	1
imagePath	1	3	23	1
mkImagePath	2	8	50	1

Source file: **./models/errors.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
Error	1	3	16	0
Public	1	6	61	0
Error	1	3	16	0

Source file: **./models/pw_resets.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
newPwResetValidator	1	6	28	2
ByToken	2	8	59	1
Create	2	11	51	1
Delete	2	6	31	1
ByToken	2	8	55	1
Create	1	3	26	1
Delete	1	4	41	1
requireUserID	2	6	27	1
setTokenIfUnset	3	11	49	1
hmacToken	2	7	41	1

Source file: **./controllers/galleries.go**

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
NewGalleries	1	11	84	3
Index	2	12	94	2
Show	2	9	62	2
Edit	3	14	97	2
Update	5	31	197	2
Create	4	26	203	2
ImageUpload	8	42	300	2
ImageDelete	5	31	220	2

	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
Delete	4	20	136	2
galleryByID	4	24	170	2

Source file: ./controllers/users.go

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
NewUsers	1	8	53	2
New	1	5	43	2
Create	4	31	211	2
SetErrorInLoginView	2	9	67	4
getLoginFormFromRequest	1	5	32	1
getAuthenticateError	2	10	31	1
Login	4	19	134	2
Logout	1	14	105	2
signIn	4	20	102	2

Source file: ./controllers/static.go

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
NewStatic	1	5	24	0

Source file: ./controllers/helpers.go

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
parseForm	2	6	42	2
parseURLParams	2	6	42	2
parseValues	2	8	50	2

Source file: ./middleware/require_user.go

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
Apply	1	3	27	1
	5	22	130	0
ApplyFn	1	3	25	1
Apply	1	3	27	1
	2	8	54	0
ApplyFn	1	3	25	1

Source file: ./config.go

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
Dialect	1	3	13	0
ConnectionInfo	2	6	69	0
DefaultPostgresConfig	1	9	31	0
IsProd	1	3	17	0
DefaultConfig	1	9	33	0

Source file: ./main.go

Function name	Cyclomatic complexity (15)	LOC (1000000)	Token count	Parameter count (100)
main	1	55	615	0
must	2	5	18	1

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