

Pathway		
1	app >	Folder having the model(Business) and controller code.
2	bootstrap >	Laravel CSS files no need to change
3	config >	all configuration database, mails, session, cookies
4	database >	database migration files to connect to database performing CRUD operations using php
5	public >	all unix jobs scripts,R script, images,CSS amd JS files
6	resources >	all view oriented PHP files
7	storage >	Laravel oriented files no need to change
8	tests >	Test code can be written here
9	vendor >	Laravel framework file
	.env	environment configuration files
	.gitignore	git configuration which files should not be included on bit bucket
	artisan	Laravel framework access main file
	composer.json	Laravel composer dependency management file
	dump.sql	database dump
	package.json	Laravel to add library to the project we are not using any library
	readme.md	Bit bucket readme file
	server.php	laravel server code to start a server and configure
Pathway> app		
1	Commands >	
2	Console >	
3	Exception >	
4	Handlers >	
5	Http >	Controllers files
6	Providers >	Laravel based code
7	Services >	Laravel Service files (Registrar.php)
	analysis.php	Model linked to database table analysis
	analysis_errors.php	Model linked to database table analysis_errors
	biostatistics.php	Model linked to database table biostatistics
	compound.php	Model linked to database table compound
	gene.php	Model linked to database table gene
	Pathway.php	Model linked to database table Pathway
	Species.php	Model linked to database table Species
	speciesPathwayMatch.php	Model linked to database table speciesPathwayMatch
	User.php	Model linked to database table user
Pathway>app>Http		
1	Controllers >	All Controllers
2	Middleware >	
3	Requests >	Default Validation code files
	Kemel.php	
	routes.php	Linking all the requesting URL and corresponding PHP linking
Pathway>app>Http>Controllers		
1	Auth >	
	Controller.php	
	WelcomeController.php	Welcome page controller
	Parser.php	Parser used for Rserve code
	ProfileController.php	Controller for Profile of the user
	config.php	Config used for Rserve code host and port Rserve should be installed
	GuestController.php	Guest related Controller
	PreviousAnalysis.php	Analysis History Controller
	Rserv_Connection.php	Rserve Controller
	HomeController.php	Home page of the user controller
	AjaxSpeciesPathwayMatch.ph	Ajax request for Species Pathway match
	AnalysisController.php	Main code for the analysis of all 3 and new analysis creating arguments list and running the Rscript code
Pathway>app>Http>Controllers>Auth		
	AuthController.php	Authorisation code
	PasswordController.php	Password managementcode
	PasswordEditController.php	Password edit code from user profile
Pathway>config		
	view.php	View file actual HTML files location where the view php files exist

	queue.php	
	database.php	database configuration
	auth.php	authorisation
	services.php	
	compile.php	
	cache.php	
	filesystems.php	
	app.php	
	session.php	
	mail.php	mail configuration
Pathway>resources		
	assets >	
	langs >	
	Views >	View files php code where the html code is available
Pathway>resources>views		
	1 admin >	admin pages not included in the project yet
	2 vendor >	
	3 errors >	view shown on errors specific to error code and default error
	4 auth >	authentication related view login,registration,password change,password reset etc
	5 analysis >	analysis view , new analysis , example analysis pages
	6 profile >	user profile related views
	7 guest >	guest related views
	8 emails >	email view sent to users on successfull analysis and reset password emails
	footer.blade.php	Footer for each view of the project
	navigation.blade.php	Left Navigation bar for the 4 analysis pages
	welcome.blade.php	Welcome page of the project
	about.blade.php	About Page of the project
	tutorial.blade.php	Help Document page of the projec
	analysis.blade.php	Analysis page template for all the three example analysis and new analysis
	app.blade.php	Generic template used by all pages
Pathway>resources>views>errors		
	customError.blade.php	custom error page
	503.blade.php	service not available error page
	404.blade.php	Server could not find the file or requested file
	403.blade.php	Authorisation error whenever this error occurs user is trying to cross user permission and show error with login
Pathway>resources>views>auth		
	reset.blade.php	page to reset the password
	login.blade.php	page for the login
	password.blade.php	page for password reset
	register.blade.php	register page
	password_edit.blade.php	password edit for login user
Pathway>resources>views>analysis		
	viewer.blade.php	Graph generated view page for the pathway
	Result.blade.php	Result page with form inputs,logs and pathway image and pdf files generated
	example_three.blade.php	Pathview sample example 3 view
	example_two.blade.php	Pathview sample example 2 view
	example_one.blade.php	Pathview sample example 1 view
	NewAnalysis.blade.php	Pathview new analysis
Pathway>resources>views>emails		
	result.blade.php	whenever a successful pathway is generated an email is sent with link to the result page to user
	password.blade.php	password reset link sent to user
Pathway>resources>views>guest		
	guest-home.blade.php	guest default page
Pathway>resources>views>Profile		

	user.blade.php	user profile page
	user_edit.blade.php	user profile edit page
	anal_hist.blade.php	user analysis history page
	home.blade.php	register user default page
Pathway>public		
	Kegg >	kegg images downloaded by KeggDownload.sh script every month and place file into this folder
	js >	javascript files for the project
	css >	css file for the project
	images >	images used in the project
	data >	data file used by scripts
	scripts >	file maintenance and data import script
	all >	all the user and guest generated files
	fonts >	fonts used for the project
	index.php	index.php required by any web server
	readme.txt	about the project
	Script_Rserv.R	Rserve Rscript code used for the analysis generatio
	my_Rscript.R	Rscript code used to generate analysis
	dump.sql	sql dump of the data minimum data needed to run the project
Pathway>public>js		
	analysis.js	example analysis javascript code containing validation and ajax request for the data
	bootstrap-colorpicker.js	color pickert framework
	bootstrap.js	bootstrap javascript code used in slider animation
	ChartNew.js	js used for graph at welcome and about page
	docs.js	used in color picker
	newanalysis.js	new anlysis validation and ajax requests
	sliding_form.js	analysis form slider js
	usageStatistics.js	statistics graph js but not used for backup
Pathway>public>css		
	app.css	slider css for the form
	bootstrap1.css	bootstrap framework css changed for pathview project
	carousel.css	carousel css for the slider
	custom.css	slider css for the form
	dashboard.css	slider css for the form
	docs.css	slider css for the form
	style.css	manual css wrote specific to project
Pathway>public>scripts		
	biocStatsimport.sh	bioc statics import runs every day at 2:30 AM
	EveryDayErrorsLogMail.sh	every day erros mailed to the list of email specified in the script
	FileMaintain.sh	file maintenance whenever file quota is exceeded the limit old analysis are deleted and guest files are deleted every day runs every 5 hours
	KeggDownload.sh	Kegg images download runs kegg.r internally
	kegg.r	Kegg image download R code running the R code