\WTSA1\Diary

+ startApp(): **void**
+ initRoutes(): **void**

\WTSA1\Engines\Database

- instance: **Database**
~ db: **lincanbin\php-pdo-mysql-class**

- _construct(testMode: **DatabaseTestMode**)
+ getInstance(testMode: **DatabaseTestMode**): **Database**
+ query(query: **String**, params: **Array**): **Array|Int|null**
+ startTransaction(): **Boolean**
+ commit(): **Boolean**
+ rollback(): **Boolean**

\WTSA1\Engines\DatabaseTestMode

+ Enabled = true: **Boolean**
+ Disabled = true: **Boolean**

\WTSA1\Engines\Route

- pathNotFound: **Callable**
- routes: **Array**
- methodNotAllowed: **Callable**

+ add(expression: **String**, function: **Callable**, method: **String|Array**): **void**
+ methodNotAllowed(function: **Callable**): **void**
+ run(basepath = "/": **String**, case_matters = false: **Boolean**, trailing_slash_matters = false: **Boolean**): **void**
+ pathNotFound(function: **Callable**): **void**

\WTSA1\Engines\Session

- instance: **Session**

- __construct()
+ setUser(user: **User**): **void**
+ terminate(): **void**
+ clearUser(): **void**
+ getUser(): **User|null**
+ getInstance(): **Session**

\WTSA1\Engines\Hasher\PBKDF2

+ algorithm: **String**
+ iterations: **Int**

+ verify(hashA: **String**, input: **String**, algorithm = self::algorithm: **String**, iterations: **Int**, salt: **String**)
+ generate(input: **String**, algorithm: self::algorithm, iterations: **Int**, salt: **String**)

\WTSA1\Models\DiaryEntry

- _category_id: **Int**
- _user_id: **Int**
- _id: **Int**
- _content: **String**
- _publish_date: **String**

- __construct(id: **Int**, user_id: **Int**, category_id: **Int**, publish_date: **String**, content: **String**)
+ getUser(): **User**
+ getEntriesForCurrentUser(): **Array**
+ getCategory(): **Category**
+ getPublishDate(): **String**
- parse(result: **Array**): **DiaryEntry|null**
+ getId(): **Int**
+ setId(id: **Int**): **void**
+ getContent(): **String**
+ getUserId(): **Int**
+ setContent(content: **String**): **void**
+ getFormattedPublishDate(): **String**
+ setCategoryId(category_id: **Int**): **void**
+ setPublishDate(publish_date: **String**): **void**
+ create(user_id: **Int**, category_id: **Int**, publish_date: **String**, content: **String**): **Boolean**
+ getById(id: **Int**): **DiaryEntry|null**
+ getCategoryId(): **Int**
+ setUserId(user_id: **Int**): **void**

\WTSA1\Models\User

- _password: **String**
- _id: **Int**
- _username: **String**

- __construct(id: **Int**, username: **String,** password: **String**)
+ register(username: **String**, password: **String**): **User|null**
+ getUsername(): **String**
+ setUsername(username: **String**): **void**
+ getPassword(): **String**
+ parse(result: **Array**): **User|null**
+ setPassword(password: **String**): **void**
+ getByName(username: **String**): **User|null**
+ setId(id: **Int**): **void**
+ getById(id: **Int**): **User|null**
+ getId(): **Int**
+ login(username: **String**, password: **String**): **User|null**

\WTSA1\Models\Category

- _category: **String**
- _id: **Int**

- __construct(id: **Int,** category: **String**)
+ getById(id: **Int**): **Category|null**
+ getAll(): **Category[]**
+ parse(result = **Array**): **Category|null**
+ setId(id: **Int**): **void**
+ getCategory(): **String**
+ getId(): **Int**
+ setCategory(category: Category): **void**

<<Interface>>
\WTSA1\Middlewares\AuthenticationMiddleware

- __construct()
+ render(bindings = []: **Array**): void

\WTSA1\Pages\Page

template: **String**
data: **Array**

- __construct(template: **String**)
+ render(bindings = []: **Array**): **void**
# post(): **void**
# get(): **void**

\WTSA1\Pages\CreatePage

template: **String**

- __construct(template: **String**)
post(): **void**
get(): **void**

\WTSA1\Pages\HomePage

template: **String**

- __construct(template: **String**)
get(): **void**

\WTSA1\Pages\LoginPage

template: **String**

- __construct(template: **String**)
post(): **void**
get(): **void**

\WTSA1\Pages\RegisterPage

template: **String**

- __construct(template: **String**)
post(): **void**
get(): **void**

\WTSA1\Pages\LogoutPage

- __construct(template: **String**)
post(): **void**