Poseidon

Interface Web

Home page

HOME PAGE

Login or create one User management

Interface Web

Authentifications

Please sign in

Username

Password
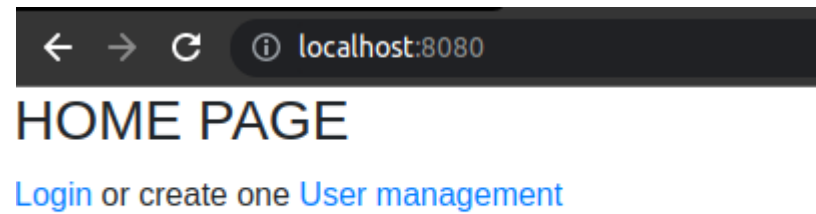
Sign in

Login with OAuth 2.0

GitHub

Interface Web

Authentifications

Logged in user: **user**

Logout

Bid List

Add New

| Id	Account	Type	Bid Quantity	Action
19	test9	essai9	-6.0	Edit	Delete
20	test10	essai10	-8.0	Edit	Delete
21	test11	essai11	-4.7	Edit	Delete
39	test_07	essa_07	26.0	Edit	Delete
41	test_08	essa_08	32.0	Edit	Delete

Organisation du code

```
▼ 📁 src/main/java
    ▶ 📦 com.olivtopa.poseidon
    ▶ 📦 com.olivtopa.poseidon.config
    ▶ 📦 com.olivtopa.poseidon.controllers
    ▶ 📦 com.olivtopa.poseidon.domain
    ▶ 📦 com.olivtopa.poseidon.exceptions
    ▶ 📦 com.olivtopa.poseidon.repositories
    ▶ 📦 com.olivtopa.poseidon.services
    ▶ 📦 com.olivtopa.poseidon.validation.contraints
▼ 📁 > src/main/resources
    ▶ 📁 SQL
    ▶ 📁 static
    ▼ 📁 > templates
        ▶ 📁 bidList
        ▶ 📁 curvePoint
        ▶ 📁 rating
        ▶ 📁 > ruleName
        ▶ 📁 trade
        ▶ 📁 user
          📄 403.html
          📄 home.html
      📄 > application.properties
▼ 📁 src/test/java
    ▶ 📦 com.olivtopa.poseidon
```

Back end
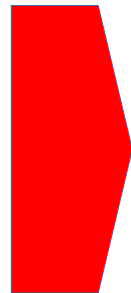
Front

Tests

Les controllers

Endpoint page principale : /bidList/list

```
@Controller
public class BidListController {

    private static final Logger logger = LoggerFactory.getLogger(BidListController.class);

    @Autowired
    private BidListService bidListService;

    @RequestMapping("/bidList/list")
    public String home(Model model) {
        logger.info("Bid List page");
        model.addAttribute("bidlist", bidListService.getAllBid());
        return "bidList/list";
    }
}
```

Bid List | Curve Points | Ratings | Trade | Rule

Logged in user: **user**
Logout

Bid List

Add New

Id	Account	Type	Bid Quantity	Action
19	test9	essai9	-6.0	Edit | Delete
20	test10	essai10	-8.0	Edit | Delete
21	test11	essai11	-4.7	Edit | Delete
39	test_07	essa_07	26.0	Edit | Delete
41	test_08	essa_08	32.0	Edit | Delete

Les controllers

Endpoint formulaire add : /bidList/add

```
@GetMapping("/bidList/add")
public String addBidList(BidList bid) {
    logger.info("display add bid form");
    return "bidList/add";
}
```

Add New Bid

Account

| Account |

Type

| Type |

Bid quantity

| Bid quantity |

Cancel   Add BidList

Les controllers

Endpoint validation du formulaire d'ajout : /bidList/validate

```java
@PostMapping("/bidList/validate")
public String validate(@Valid BidList bid, BindingResult result, Model model)
    logger.info("Adding Bid {}: ",bid);
    if (!result.hasErrors()) {
        bidListService.save(bid);
        model.addAttribute("bidlist", bidListService.getAllBid());
        logger.info("bid added ! : {}", bid.getBidListId());
        return "redirect:/bidList/list";
    }
    logger.info("Adding Bid error ! {} ",result);
    return "bidList/add";
}
```

Sauvegarde en base de données, des données saisies
puis retour à la page principale

Les controllers

Endpoint formulaire update : /bidList/update/{bidListId}

```java
@GetMapping("/bidList/update/{bidListId}")
public String showUpdateForm(@PathVariable("bidListId") Integer bidListId, Model model) {
    logger.info("Display update BidList form");
    BidList bid = bidListService.getBidListById(bidListId);
    model.addAttribute("bidList", bid);
    return "bidList/update";
}
```

Update Bid

Account

test_08

Type

essa_08

Bid quantity

32.0

Cancel   Update BidList

Interface web

Technologies utilisées pour réaliser l'interface web :

- Bibliothèque REACTJS
- HTML
- CSS

Les controllers

Endpoint validation update : /bidList/update/{bidListId}

```java
@GetMapping("/bidList/update/{bidListId}")
public String showUpdateForm(@PathVariable("bidListId") Integer bidListId, Model model) {
    logger.info("Display update BidList form");
    BidList bid = bidListService.getBidListById(bidListId);
    model.addAttribute("bidList", bid);
    return "bidList/update";
}
```

Sauvegarde en base de données, des données du formulaire
modifié, puis retour à la page principale

Les controllers

Endpoint suppression : /bidList/delete/{bidListId}

```
@GetMapping("/bidList/delete/{bidListId}")
public String deleteBid(@PathVariable("bidListId") Integer bidListId, Model model) {
    logger.info("Deleting BidList {} ",bidListId);
    BidList bid = bidListService.getBidListById(bidListId);
    bidListService.deleteBid(bid);
    model.addAttribute("bidlist", bidListService.getAllBid());
    logger.info("bid deleted !");
    return "redirect:/bidList/list";
}
```

Suppression de l'occurence en base de données

Validation des champs des formulaires

Elle se fait via des annotations au niveau des classes du domain

```java
@Entity
@Table(name = "bidlist")
public class BidList {
    @Id
    @GeneratedValue(strategy = GenerationType.AUTO)

    private Integer bidListId;
    @NotEmpty(message = "This field is required")
    private String account;
    @NotEmpty(message = "This field is required")
    private String type;
    @Digits(integer = 10, fraction = 2)
    @Positive(message = "this value must not be negative")
    @NotNull(message = "this must be numeric and not null")
    private Double bidQuantity;
    private Double askQuantity;
    private Double bid;
    private Double ask;
    private String benchmark;
    private LocalDateTime bidListDate;
    private String commentary;
    private String security;
    private String status;
```

Tests unitaires
Rapport Jacoco

Couverture globale de tests unitaires de 23 % due à la pertinence des méthodes à tester.

Tests réalisés : CRUD d'objes (BidList, Trade, RuleName...)

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.olivtopa.poseidon.controllers		7 %		0 %	57	76	211	230	45	64	0	11
com.olivtopa.poseidon.domain		24 %		n/a	110	141	163	232	110	141	0	6
com.olivtopa.poseidon.services		8 %		n/a	28	34	35	41	28	34	0	6
com.olivtopa.poseidon.config		83 %		0 %	2	10	6	34	1	9	0	2
com.olivtopa.poseidon		37 %		n/a	1	2	2	3	1	2	0	1
com.olivtopa.poseidon.exceptions		0 %		n/a	1	1	2	2	1	1	1	1
com.olivtopa.poseidon.validation.contraints		98 %		100 %	1	5	1	13	1	4	0	1
Total	1 527 of 1 990	23 %	26 of 28	7 %	200	269	420	555	187	255	1	28

Tests d'intégration
Rapport Jacoco

79 % de taux de couverture

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.olivtopa.poseidon.controllers		80 %		83 %	14	76	40	230	12	64	0	11
com.olivtopa.poseidon.domain		81 %		n/a	16	141	45	232	16	141	0	6
com.olivtopa.poseidon.validation.contraints		0 %		0 %	5	5	13	13	4	4	1	1
com.olivtopa.poseidon.config		83 %		0 %	2	10	6	34	1	9	0	2
com.olivtopa.poseidon.services		92 %		n/a	3	34	5	41	3	34	0	6
com.olivtopa.poseidon		37 %		n/a	1	2	2	3	1	2	0	1
com.olivtopa.poseidon.exceptions		100 %		n/a	0	1	0	2	0	1	0	1
Total	409 of 1 990	79 %	8 of 28	71 %	41	269	111	555	37	255	1	28

Couverture globale de test
Rapport Jacoco

87 % de taux de couverture

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.olivtopa.poseidon.controllers		80 %		83 %	14	76	40	230	12	64	0	11
com.olivtopa.poseidon.config		83 %		0 %	2	10	6	34	1	9	0	2
com.olivtopa.poseidon.domain		95 %		n/a	6	141	7	232	6	141	0	6
com.olivtopa.poseidon.services		92 %		n/a	3	34	5	41	3	34	0	6
com.olivtopa.poseidon		37 %		n/a	1	2	2	3	1	2	0	1
com.olivtopa.poseidon.validation.contraints		98 %		100 %	1	5	1	13	1	4	0	1
com.olivtopa.poseidon.exceptions		100 %		n/a	0	1	0	2	0	1	0	1
Total	242 of 1 990	87 %	6 of 28	78 %	27	269	61	555	24	255	0	28

Tests d'intégration
Rapport failsafe

```
|------------------------------------------------------------
Test set: com.olivtopa.poseidon.BidListIT
------------------------------------------------------------
Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.358 s -- in com.olivtopa.poseidon.BidListIT
```

```
|------------------------------------------------------------
Test set: com.olivtopa.poseidon.CurvePointIT
------------------------------------------------------------
Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.453 s -- in com.olivtopa.poseidon.CurvePointIT
```

```
|------------------------------------------------------------
Test set: com.olivtopa.poseidon.RatingIT
------------------------------------------------------------
Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.295 s -- in com.olivtopa.poseidon.RatingIT
```

```
|------------------------------------------------------------
Test set: com.olivtopa.poseidon.RuleTestIT
------------------------------------------------------------
Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.381 s -- in com.olivtopa.poseidon.RuleTestIT
```

```
|------------------------------------------------------------
Test set: com.olivtopa.poseidon.TradeIT
------------------------------------------------------------
Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 18.012 s -- in com.olivtopa.poseidon.TradeIT
```