Entity-Relationship Diagram

User
Name	String
ID	Int

Resource
URL	String

Group
String	Name
ID	Name

PermisionSet
ID	Int
IsAllowed	Boolean

Action
Name	String

Relationships:
- Is In
- Action By User In
- Protects
- Protects Resource Against
- Is In

```
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    ┌────┴──────────────────────┐
    │                           │
┌─────────────┐          ┌─────────────┐
│   Modify    │          │   Create    │
│ Permission  │          │ Permission  │
│     Set     │          │Set for Resource│
└──────┬──────┘          └──────┬──────┘
       │                        │
┌──────┴──────┐                 │
│   Select    │                 │
│ Permission  │                 │
│     Set     │                 │
└──────┬──────┘                 │
       │                        │
       └───────────┬────────────┘
                   │
           ┌───────┴───────┐
           │  Set RWX Access for │
           │ Users and Groups │
           └───────┬───────┘
                   │
           ┌───────┴───────┐
           │Submit Changes │
           └───────┬───────┘
                   │
                   ◇
                   │
                   ●
```

Technical Specification: PHP, JQuery, Bootstrap.