

# ZeroToBlockchain Chapter 7: Building the Seller User Experience

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[Return to Table of Contents](#)

In this chapter, we will create the Seller Company view and add server-side services to support it. This runs on HyperLedger Fabric Version 1.0. The code that we will write is managed in this chapter and all the subsequent chapters in the following folder structure:

```
Chapter 07
├── controller
│   ├── restapi
│   │   ├── router.js
│   │   └── features
│   │       ├── composer
│   │       │   ├── autoLoad.js
│   │       │   ├── hlcAdmin.js
│   │       │   ├── hlcClient.js
│   │       │   ├── queryBlockChain.js
│   │       │   ├── Z2B_Services.js
│   │       │   └── Z2B_Uutilities.js
│   │       └── text
│   │           ├── multi-lingual.js
│   │           └── resources.js
└── HTML
    ├── index.html
    ├── admin.html
    ├── buyer.html
    ├── ceateConnectionProfile.html
    ├── createMember.html
    ├── createOrder.html
    ├── deleteConnectionProfile.html
    └── getMemberSecret.html
```

```
removeMember.html
seller.html
└─CSS
    pageStyles.css
└─js
    z2b-admin.js
    z2b-buyer.js
    z2b-events.js
    z2b-initiate.js
    z2b-seller.js
    z2b-utilities.js
└─ network
    permissions.acl
    queries.qry
    └─lib
        sample.js
    └─models
        base.cto
        events.cto
        sample.cto
```

Two new files are introduced in this chapter and two existing files are updated:

## Files used in this chapter

### Web Server Code Unique to this Chapter

- **hlcClient.js**
  - This file is update to support the seller interface on the server side

### Defining the business network

- **network/permissions.acl**
  - This file is ***updated*** to allow the seller to access Orders and to execute selected transactions.

- It determines precisely what transactions a member can execute and what assets a member can see. The basic rule is "If authority is not specifically granted in this file, then access is denied."

## Web Browser Code

- **z2b-seller.js**
  - This file contains all of the browser functional code to support the seller user experience
- **seller.html**
  - This contains the HTML framework for the seller experience. Content for this framework is generated by the functions in the z2b-seller.js file
  - Text on this page is determined by the selected language (default is US English)