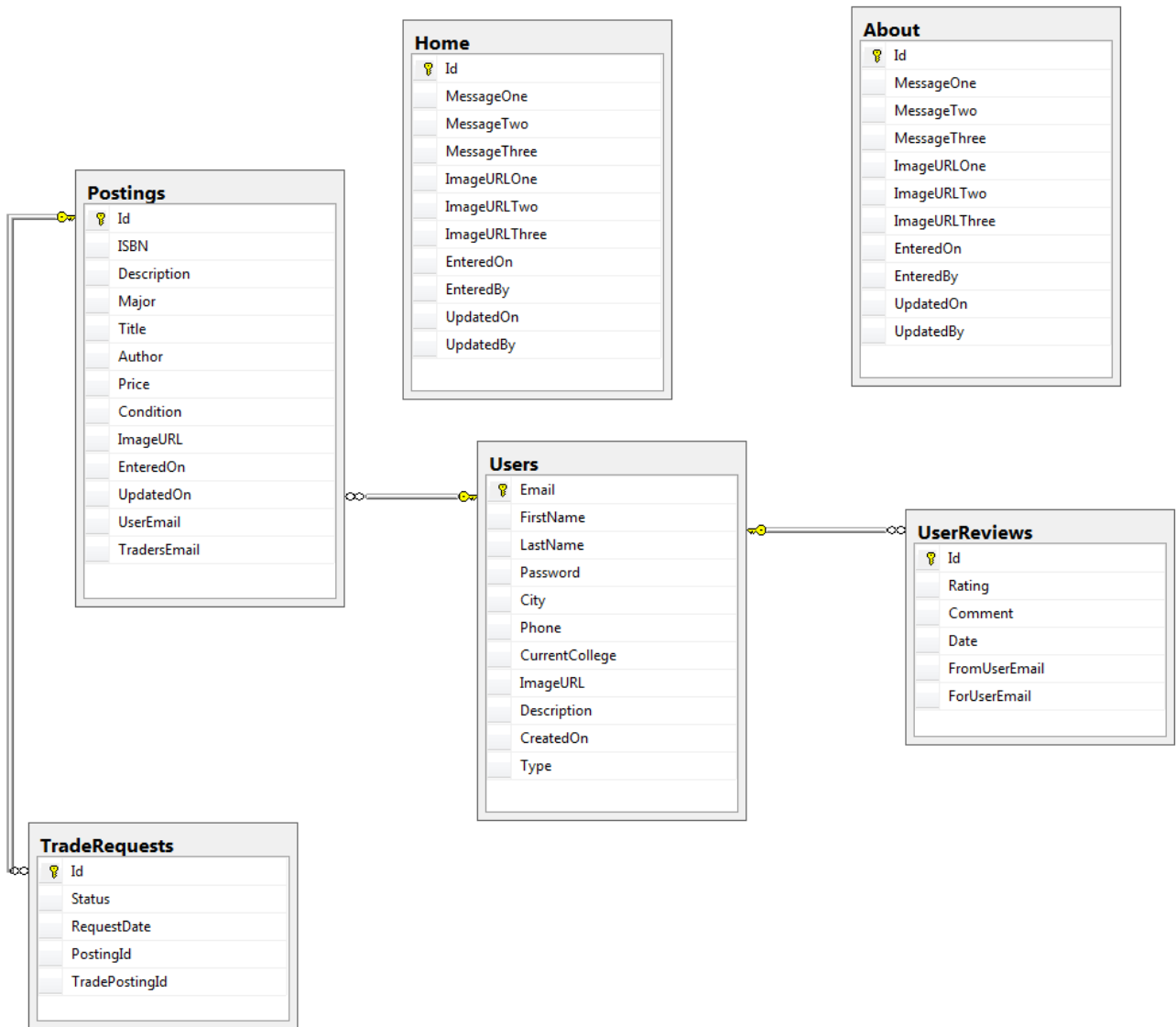**I.   Requirements definition and Requirements list**

Purpose of Book Exchange site:
This book exchange will be a part of an Educational Institutions network for students to exchange textbooks or can reside as a hosted entity separate with no affiliation to the Educational Institute. The purpose is to provide students with an easy way to search and exchange books used in courses as an alternative to purchasing new books.
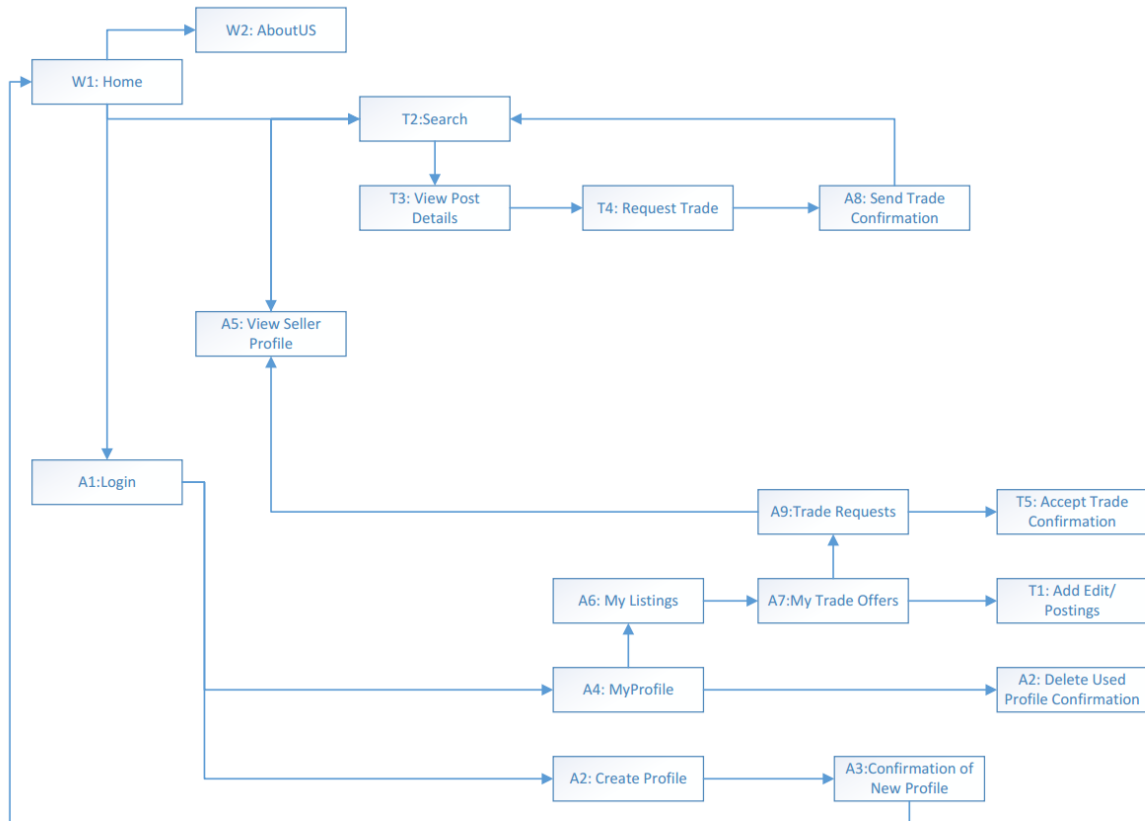
- Search bar
- Navigation
- Login
- Create account
- Profile
    - Username
    - Password
    - Email address
    - Current college
    - Picture of user
    - Description
    - City
    - Phone number
- Book Information
    - ISDN
    - Major book used in
    - Title
    - Author
    - Book picture
    - Description
    - Condition
- Book Trade
    - Posting ID
    - Accept / Decline Trade
    - Confirmation of Trade
    - Status
- Home page
    - Description of "Book Exchange"
    - Current Book exchanges with pictures
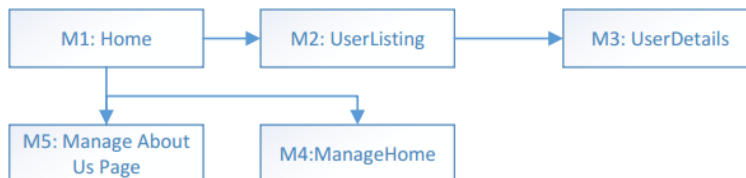
II.   Physical ERD

Home
- 🔑 Id
- MessageOne
- MessageTwo
- MessageThree
- ImageURLOne
- ImageURLTwo
- ImageURLThree
- EnteredOn
- EnteredBy
- UpdatedOn
- UpdatedBy

About
- 🔑 Id
- MessageOne
- MessageTwo
- MessageThree
- ImageURLOne
- ImageURLTwo
- ImageURLThree
- EnteredOn
- EnteredBy
- UpdatedOn
- UpdatedBy

Postings
- 🔑 Id
- ISBN
- Description
- Major
- Title
- Author
- Price
- Condition
- ImageURL
- EnteredOn
- UpdatedOn
- UserEmail
- TradersEmail

Users
- 🔑 Email
- FirstName
- LastName
- Password
- City
- Phone
- CurrentCollege
- ImageURL
- Description
- CreatedOn
- Type

UserReviews
- 🔑 Id
- Rating
- Comment
- Date
- FromUserEmail
- ForUserEmail

TradeRequests
- 🔑 Id
- Status
- RequestDate
- PostingId
- TradePostingId

III.   Navigation

User:

Administrator:

IV. WORK DISTRIBUTION

Originally we had the pages divided up between four group members. Two of our group members dropped leaving the work to be split up between David Lee and Joe Knotts. In order to make the "Book Exchange" a functional site it required both of us to collaborate, implement code, and design on the majority of the pages as it took both of us to figure out certain issues.

Below is a loose list of work divided as we both worked on each page:

David:
- All Postings
- Details Form
- Manage Trade Requests
- Manage Users
- Login
- Search
- Sign out
- Register
- Exchange Request

Joe:
- User: "My Profile"
- User: "Edit Profile"
- Home
- About
- Manage Home
- Manage About
- Add edit book
- Book details

Both:
CSS files, Site.Master, Manager.Master