**Domain Models**

Tutor Application

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**Domain Models:**

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| --- |
| Home Screen |
|  |
| Render(): homepage <div>  Ref(login): void  getToolBar(): toolBar |

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| --- |
| Login Form |
| Username: \*char  Password: \*char  Login: boolean |
| handleChange(event:\*char): void  logIn(): void  register(): void  render(): <div> |

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| --- |
| User Store |
| Username: \*char  Password: \*char  userType: (char)  isLoggedIn: boolean  accountStatus: boolean |
| Constructor(): void  DeleteAccount(): void |

|  |
| --- |
| Student Profile |
| fullName: \*char  Email: \*char  Phone Number: \*char  Nationality: \*char  Address: \*char  Interests: list[\*char]  Gender: \*char |
| handleChange(event: \*char): void  submitProfile(studentProfile, database): void  editProfile(studentProfile, database): void  render(): <div> |

|  |
| --- |
| Tutor Profile |
| fName: \*char  lName: \*char  email: \*char  sub1: \*char  sub2: \*char  prior1: \*char  gpa: int |
| createProfile(tutorApply): void  render(): <div> |

|  |
| --- |
| Tutor Application |
| fName: \*char  lName: \*char  email: \*char  sub1: \*char  sub2: \*char  prior1: \*char  gpa: int  accept: boolean |
| handleChange(event): void  submitApplication(tutorApply, email): void |

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| --- |
| Response Handler |
| Tutor: \*tutor profile  Date: int  Message: \*char |
| submitResponse(Tutor, Date, Message) : void |

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| --- |
| Tool Bar |
| Attributes: list[\*char] |
| getUserType(userStore): \*char  render(attributes): <div> |

|  |
| --- |
| Listing |
| Subjects: list[\*char]  Time: list[int] |
| Render() : void  postListing(subject, message):void |

Diagram

Description automatically generated