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| App |
| -downloads: Integer [1] = 0 { readOnly }  -price: double [1] = 0.0 { readOnly }  -type: String [1] = “” { readOnly }  -name: String [1] = “” { readOnly }  -platform: String [1] = “” { readOnly }  -developer: String [1] = “” { readOnly }  -version: String [1] = “” { readOnly }  -ratings: ArrayList<double> [1] = null { readOnly }  -comments: ArrayList<String> [1] = null { readOnly } |
| + addRating (a: double, b: String): void { readOnly }  + addComment (a: String, b: String): void { readOnly }  + compareTo ( a: T ): Integer { readOnly } |

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| Store |
| -allApps: ArrayList<App> [1] = null {readOnly}  -searchedApps: ArrayList<App> [1] = null {readOnly}  -submittedRequests: ArrayList<App> [1] = null {readOnly}  -passwords: TreeSet<String> [1] = null {readOnly}  -searchBar: JTextField [1] = null {readOnly}  -login: JTextField [1] = null {readOnly}  -north: JPanel [1] = null {readOnly}  -center: JPanel [1] = null {readOnly} |
| -createPage (a: String): ArrayList<App> {readOnly}  -sortPage (a: ArrayList<App>, b: T): void {readOnly} |

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| User |
| -userName: String [1] = “” {readOnly}  -password: String [1] = “” {readOnly} |
| +addRating (a: App): void {readOnly}  +addComment (a: App): void {readOnly}  +submitRequestForm (a: App): void {readOnly} |

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| Moderator |
| +deleteComment (a: App): void {readOnly} |

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| Administrator |
| +viewRequests (a: ArrayList<App>): void {readOnly}  +acceptRequest (a: App): void {readOnly}  +denyRequest (a: App): void {readOnly} |

Store aggregates App. Administrator inherits Moderator. Moderator inherits User. User depends on App and Store.