4.3.6. Access control

Access control is formal security model of computer systems which assigns actors to different level of accessing classes. Access control can be represented by access matrix where its rows show the actors and its columns show the classes that are to be protected.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Actors Objects | Fixture | Score Board | Player | Referee | Coach | Registration Form |
| Admin | View()  Create() | View()  Create() | View()  Update() | View()  Update() | View()  Update() | View()  Send() |
| Coach | View() | View() |  |  | View()  Update() | Approve() |
| Referee | View() | View() |  | View() |  |  |
| Player | View() | View() | View()  Update() |  |  |  |
| Visitor | View() | View() |  |  |  | Fill()  Submit() |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Actors Objects | Card | Team | Player List | Administration | Account |
| Admin | View() | Assign Coach()  Assign Referee() | View()  Update()  Manage Account() | Manage Account() | Create()  View()  Delete()  Update() |
| Coach | View() | Create Team()  Set Position() Notify() | View()  Select() |  | Login()  Forget Password()  Logout() |
| Referee | Manage() |  |  |  | Login()  Forget Password()  Logout() |
| Player | View() |  |  |  | Login()  Forget Password()  Logout() |
| Visitor |  |  |  |  |  |