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**PROJECT-TEAM-01**

**CLASSES, ATTRIBUTES AND METHODS**

**NAME TEAM:** AlphaTeam

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**TEAM TOPIC: “*Implementation of an Intelligent House”***

**CLASSES, ATRIBUTES AND METHODS**

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| **House** |
| * -room : Room[] * television : Television * soundSystem : SoundSystem * alarmSignal : AlarmSignal |

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| **User** |
| * name: String * age: int * house : House[1] * cellphone : Cellphone[1] |

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| **RemoteControl** |
| + openDoor(): void  + closeDoor(): void  + turnOnLight(): void  + turnOffLight(): void  + turnOn(): void  + turnoff(): void |

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| **Door** |
| * open: boolean |
| + openDoor(): void  + closeDoor(): void |

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| **Light** |
| * status: boolean |
| + turnOnLight(): void  + turnOffLight(): void |

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| **Device** |
| -status:boolean |
| +turnOn():void  +turnOff():void |

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| **Room** |
| * nameOfRoom: String * door: Door[2] * light : Light |
| + hasDoors(): void  + hasLights(): void |

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| **Television** |
| * id: int |
| + addChannels(): |

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| **SoundSystem** |
| + addStation(): |

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| **AlarmSignal** |
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