Makers Week 3 Airport challenge

Tests

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| Plane |  |  |
| Input |  | Output |
| Land at Airport | –[Method]- | Plane landed = true |
| Stormy = true don’t land | –[Method]- | Prevents ‘land at airport’ |
| Airport full = true don’t land | –[Method]- | Prevents ‘land at airport’ |
| Take off from airport | –[Method]- | Plane landed = false  Sends message to AT controller to say it has left |
| Stormy = true don’t takeoff | –[Method]- | Prevents ‘take off’ from airport’ |
|  |  |  |
| Landed = true | State | Prevents ‘land at airport’  Must be in airport |
| Plane landed = false | State | Prevents ‘take off’ from airport’  Cannot be in airport |

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| --- | --- | --- |
| Airport |  |  |
| Input |  | Output |
| Overwrite default capacity | –[Method]- | Change in airport capacity |
| Plane Landed | –[Method]- | Add plane to airport by |
| Plane Taken off | –[Method]- | Remove plane from airport |
|  | –[Method]- |  |