
Team Facade Coach Meeting

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Roadmap

- Previous Week's Accomplishments
 - Major Findings
 - Technical Issues
 - Plan for the Following Week
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Previous Week's Accomplishments

- Started control flows (Decision)
- Finalize JSON to XML conversion
- Implemented Geofence Point-In-Polygon

Algorithms (<http://localhost:8000/PointInPolygon.html>)

- Ray Casting Algorithm
 - Jordan's Curve Theorem
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Major Findings

- **Taverna Online:** Supports export to .t2flow file. We followed their template which included this service:
 - `<localworkerName>ru.iitp.cluster.taverna.
Localworker</localworkerName>`
 - **Geofencing: Found Two Point-In-Polygon Algorithms**
 - Ray Casting Algorithm
 - Jordan Curve Theorem
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Technical Issues, Things to Discuss

- Geofence
 - Need to test with different polygons (geofences) and actual GPS coordinates
 - HTML5 shapes to work with jsPlumb for control structures e.g. diamond for decisions
 - Unit testing; system testing; test using NASA data
 - When is the final presentation?
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Plan for the Following Week

- Complete control flows
 - Complete testing of Geofence algorithms
 - Unit testing; system testing
 - Deployment to `curie.sv.cmu.edu` (testing environment); acceptance testing; technical report; Presentation; Installation and setup document and scripts etc.
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