## **Greenbelt Project Plan**

Project: Greenbelt Reparations Commission  
Timeframe: Next Two Weeks

### **Objectives**

* Implement GIS technology to map key neighborhoods in Greenbelt.
* Create an initial map without census data for review.
* Plan integration of census data as a data layer.
* Address technical challenges related to GIS mapping and data incorporation.

### **2. Key Activities & Responsibilities**

**A. GIS Mapping & Neighborhood Delineation (Lead: Khoa Do)**

* Use ArcGIS to create a map including Franklin Park (2800), GHI Greenbelt Homes Incorporated (1600), and potentially Eastside and Westside neighborhoods.
* Ensure clear delineation of neighborhood boundaries.
* Deliverable: Initial neighborhood map without census data.

**B. Client Consultation on Data Integration (Lead: Elise Ferguson)**

* Schedule and conduct a follow-up meeting with Bob Rand and the Greenbelt Reparations Commission.
* Discuss how census data will be incorporated into the GIS map as a data layer.
* Gather additional client feedback on map clarity and usability.
* Deliverable: Meeting summary with refined GIS data requirements.

**C. Data Preparation for GIS Integration (Lead: Fariha Prapti)**

* Organize census data from Census.gov and the Maryland Department of Education.
* Format data for compatibility with ARCGIS.
* Deliverable: Prepared dataset ready for GIS integration.

**D. Technical Troubleshooting & Risk Management (Lead: Emmanuel Ephraim)**

* Address potential GIS software issues and data integration challenges.
* Explore alternative mapping tools if necessary.
* Deliverable: Risk mitigation update with solutions for identified issues.

### **3. Timeline & Milestones**

| **Task** | **Responsible** | **Week1** | **Week2** | **Deliverable** |
| --- | --- | --- | --- | --- |
| Create GIS map | Khoa Do | ✔ |  | Initial Map |
| Schedule & conduct client meeting | Elise Ferguson | ✔ | ✔ | Meeting Summary |
| Document GIS data integration plan | Ruchir Kasineni | ✔ | ✔ | Refine project scope |
| Prepare census data for GIS | Emmanuel Ephraim | ✔ |  | Structure dataset |
| Address GIS risks & issues | Fariha Prapt |  | ✔ | Risk mitigation update |

### 

### **4. Potential Challenges & Solutions**

| Risk Category | Impact | Likelihood | Proposed Solution |
| --- | --- | --- | --- |
| GIS software limitations | High | High | Research and test alternative tools |
| Difficulty accessing historical demographic data | Medium | High | Cross-check sources and adjust boundaries |
| Census Data integration | High | Medium | Consult faculty or research librarians for guidance |
| Stakeholder feedback | Medium | High | Maintain clear communication and meeting follow-ups |

### **5. Next Steps**

* Finalize GIS map of target neighborhoods.
* Conduct follow-up client meetings to confirm the data integration approach.
* Prepare census data for incorporation into the map.
* Provide an internal project update at the end of two weeks.

### **6. Conclusion**

This plan outlines the next steps to develop GIS-based visualizations for the Greenbelt Reparations Commission. By ensuring clear mapping of key neighborhoods and planning census data integration, we aim to deliver meaningful insights while addressing technical challenges.