



# GREENGOALS: ECO WINS START HERE

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### Description

GreenGoals is a gamified, social platform designed to transform environmental awareness into measurable action. Complete weekly eco-challenges, track your progress, and compete with friends to build better habits and make a real impact, together.

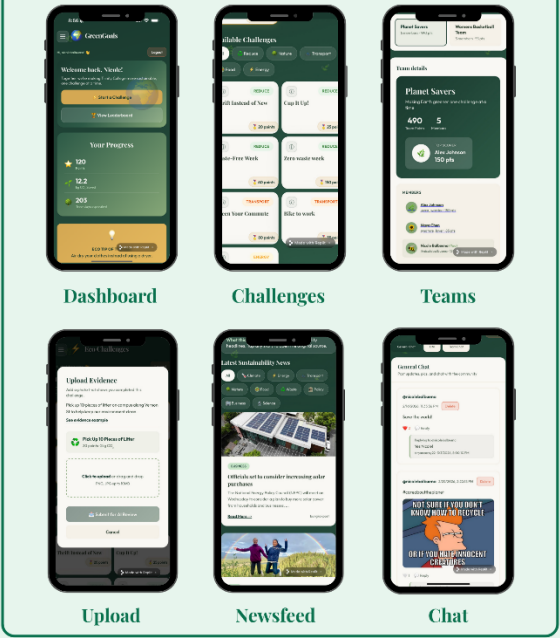
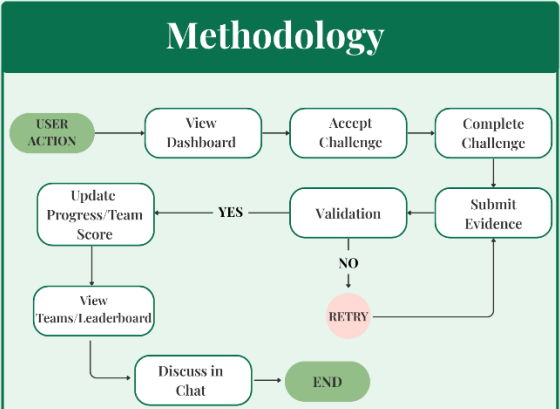
### Significance

While many individuals express concern about climate change, a lack of clear guidance and sustained motivation often limits meaningful lifestyle changes. GreenGoals addresses this gap by turning eco-friendly habits into a competitive framework that fosters accountability and long-term behavioral change, making it easier for individuals to consistently adopt environmentally conscious practices.

### Technology Stack



- Backend:** Node.js & Express API with secure JWT user authentication
- Frontend:** Responsive web interface built with HTML5, CSS3, and JavaScript
- Database:** Cloud Firestore for real-time data syncing and storage
- Hosting:** Live cloud deployment on Replit (Node.js 20 environment)



### User Roles

**Standard User**

- Engage:** Join teams and compete in weekly eco-challenges
- Document:** Submit evidence and track personal impact metrics
- Connect:** Interact via General Chat and direct messaging

**Administrator**

- Curate:** Create and manage dynamic sustainability challenges
- Inform:** Broadcast real-time Campus Updates and news
- Oversee:** Moderate user growth, team structures, and data

### Future Work

- Formal integration with the Sustainability Office to track campus-wide impact and green initiatives
- Public deployment to the Apple App Store and Google Play Store
- Expansion to a B2B model for other universities and corporate social responsibility (CSR) initiatives

### Acknowledgements

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Scan to Join the Challenge!