EGH
ECO GROW HUB
presented by:
COMET SQUAD

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About Us

Mission Statement: Eco Grow Hub empowers women and youth in sustainable agriculture by offering vital crop and climate information. We promote Gender Equality and Climate Action through accessible resources and training.

Values: Our core values—integrity, innovation, community empowerment, sustainability, collaboration, and inclusivity—guide us in building trust and empowering women and youth in sustainable agriculture while valuing all voices.

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How it works?

Page 1: Crop Input

- Users select a specific crop from a list.
- A basic description of the crop is displayed.

Page 2: Location Specification and Detailed Information

- Users enter their state and district.
- They select the month for which they seek recommendations.
- The app uses NASA’s climate data to analyze local conditions and provide suitable crop recommendations.
- Users receive essential details about the selected crop, including:
  - Planting time
  - Harvesting time
  - Recommended fertilizers
  - Other necessary information

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How it works?

Page 3: Resources and Community

- Users can access additional resources, such as YouTube videos on sustainable practices.
- A supportive community platform facilitates collaboration and resource sharing, where users can connect and learn from one another.
- To participate in the community, users must register for an account. This ensures a safe and engaging environment for sharing knowledge and experiences related to sustainable agriculture.

Page 4: About Us

- This page provides information about Eco Grow Hub, its mission, values, and commitment to empowering women and youth in sustainable agriculture.

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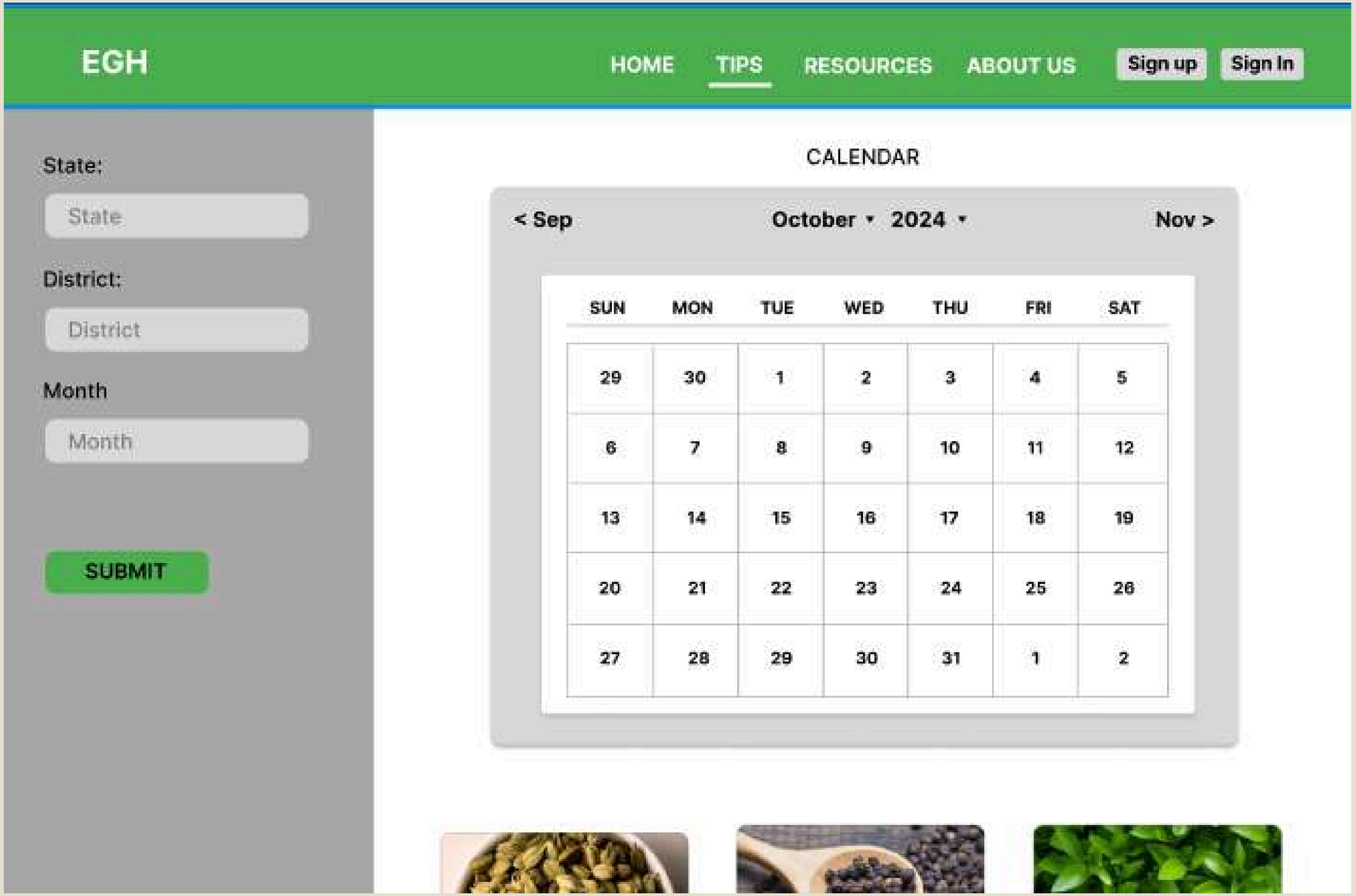
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Future Growth

1. **Mobile App Development:**
   - Create a mobile app for easier access.

2. **AI Integration:**
   - Implement AI for personalized reminders on fertilizing, planting, and harvesting.

3. **Automated Messaging:**
   - Use AI and NASA’s climate API for tailored notifications on farming practices based on real-time climate data.

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Future Growth

4. **Integration with IoT Devices:**
   - Allow integration with IoT sensors for real-time monitoring of soil moisture, temperature, and other factors to provide more accurate recommendations.

5. **Market Pricing Page:**
   - Introduce a dedicated page for real-time market pricing of crops and agricultural inputs, helping users make informed financial decisions.

Thank You!