**Brainstorm and Plan the App**

* **Core features**:
  + Teacher login: Upload content, schedule, track students, message parents.
  + Parent/student login: Play games, view activity, message teachers.
  + Notifications: New content, deadlines, messages.
* **Game design**:
  + Math: Simple arithmetic or problem-solving.
  + Language: Vocabulary, sentence formation, storytelling.
* **Accessibility**: Include text-to-speech, larger fonts, colorblind-friendly designs.
* **Security**: Plan for encryption and secure logins.

**Create the Proposal Document**

* **Structure**:
  1. **Introduction**: App purpose and goals.
  2. **Design**: Wireframes, child-friendly color scheme.
  3. **User interactions**: Gestures (swipe, tap), feedback (animations, sounds).
  4. **Games**: Detailed descriptions of math and language games.
  5. **Timeline**: Development milestones (e.g., UI design, teacher login development).
  6. **UML Class Diagram**: Internal structure (Teacher, Student, Game classes).
  7. **Security**: Data encryption and secure storage.
  8. **Future features**: Additional game types, analytics.
* **List assumptions**: Clearly state any assumptions.
* **Cite inspiration**: Mention apps or resources used for ideas.

**Prepare the PowerPoint Presentation**

* **Slides**:
  1. Title slide: App name, team, date.
  2. Problem statement: Why the app is needed.
  3. Solution overview: Key features.
  4. Design: Wireframes or mockups.
  5. Games: Brief descriptions.
  6. Timeline: Visual development milestones.
  7. Security: How data is protected.
  8. Future features: Additional functionality.
  9. Conclusion: Why your app is the best solution.
* **Visuals**: Use diagrams, images, and minimal text.
* **Practice**: Rehearse to ensure it fits within 10 minutes.

**Record the Screencast**

* **Script**: Write a concise presentation script.
* **Recording**:
  + Use screen recording software (e.g., OBS Studio, Zoom).
  + Speak clearly and stay within the 10-minute limit.
* **Editing**: Trim mistakes or pauses if needed.

**Finalize and Submit**

* **Review deliverables**:
  + Proposal: 5-10 pages, well-structured, error-free.
  + PowerPoint: Visually appealing and clear.
  + Screencast: Within time limit, good quality.
* **Submit**:
  + Upload Word document, PowerPoint, and screencast.
  + Include the CA coversheet.