

## **IVASI (Interactive and Visual Academic Standing Integration)**

### **1. User Profile Management**

- 1.1. View, edit, and update profile information
- 1.2. Visualize academic progress such as strengths, weaknesses, and academic standing
- 1.3. Task/assignment completion progress shown via graphs, progress bars, and minimal use of text; Focusing on visual representations
- 1.4. Teachers can manage/update student metadata

### **2. Task Management**

- 2.1. Teachers can create, update, or delete tasks/assignments for students
- 2.2. Teachers can categorize tasks/assignments (e.g. quizzes, assignments, projects)
- 2.3. View/sort tasks by status (completed, in progress, pending)
- 2.4. Teachers can set due dates and priority/importance tags

### **3. Communication Module**

- 3.1. Private message between teachers and students for task/assignment discussions and feedback
- 3.2. Receive direct notifications and possible group notifications (messages, deadlines, changes in academic progress, etc.)

### **4. Study and Material Management**

- 4.1. Teachers can upload and manage study material (PDF, txt, etc.)
- 4.2. Study material categorized based on subjects, due dates, and assignment relevance
- 4.3. Track/monitor study progress (percentage of completion meter)
- 4.4. Highlight, bookmark or annotate your study material
- 4.5. Search documents by keywords to access specific sections of the material

### **5. Gamified Engagement Features**

- 5.1. Rewards and badges for completing tasks/assignments
- 5.2. Progress bars for tracking task/assignment completion
- 5.3. Learning goals with milestones to encourage continued engagement

### **6. Security and Privacy**

- 6.1. Unique user IDs (4 Hexadecimal digits and/or 8 digits)
- 6.2. Data encryption; User data is secure from other users or unauthorized/outside entities
- 6.3. Regulation compliance (data privacy, institutional restrictions, etc.)

### **7. Additional Features**

- 7.1. Zoom in/out and scroll for smoother reading and user experience
- 7.2. Direct feedback and grades on tasks/assignments
- 7.3. Friends list