Personas:

Student 1

- Donald Trump, 19 year old male, undergraduate 2nd year economics major, CS minor
- Has taken mainly CS courses in his first year so is well acquainted with grading tools (such as MarkUs)
- Has access to Internet all the time and is able to use all platforms to login to learning portals
- ~~Courses he is currently taking are composed of 40% CS, 30% Econ, 10% Stats, 10% Math. Out of those, 60% require submission online~~
- Does not enjoy submission methods that require many online steps for registration or sophisticated process to submit
- Only on campus 3 days a week between 10AM-5PM (lives in Whitby)
- Fluent in English and French
- Prefers to type assignments, but will occasionally print rubrics and do them by hand before creating a digital copy
- Does not usually look to do anything extra for a course, will do the core required work and often meets or exceeds expectations of the coursework in that regard
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Student 2

- Emma Stone, 21 year old female, undergraduate 3rd year bio specialist
- Familiar with using TurnItIn for essays but has never used any other submission tool
- All courses are on blackboard so does not frequently use other course websites
- Only has access to internet on campus and at home, does not work anywhere else
- Has vision impairment, so cannot see text on blue or yellow backgrounds
- Aside from courses, research articles and world news, she does not use the WWW much
- Will be willing to do more work for extra grades, but finds herself too busy completing deliverables for required coursework so at times it can be difficult for her to do them
- Prefers studying in a group than individually, participates in many FSGs
- Does all work by hand, only essay write-ups and submissions are when she uses the computer
- She has always enjoyed solving puzzles and tasks that require creative thinking
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Student 3
- 20 year old male, undergraduate 3rd year physics specialist
- Taken many physics courses, some of which involved online grading such as "MasteringPhysics"
- Has done bonus assignments before. Willing to do them if it helps his mark
- Tends to have a lot of work pile on as the semester progresses, but is usually done just a week before the study break
- Very capable of learning new software
- Likes very direct and simple methods of submission of assignments
- Isn't a fan of group work due to previous experiences with bad groups, would much rather prefer individual work
- Prefers to only use linux, not a fan of windows
- Tends to get bored easily unless he is working on something engaging

TA 1
- 21 year old female, undergraduate 3rd year Statistics Major and Mathematics Major
- First time being a TA and very helpful to students but is not an easy grader (average grade assigned ~70%)
- Not too experienced using software in general, would prefer something straightforward
- Not good with coding but can use simple functions for most online tools
- Does not like going through complex instructions and setups
- Very organized, likes to know where things are and have easy access to various things
- Usually complete any TA work at school due to long commute to school (lives in Stouffville) and only has internet access when on campus and at home (no data)
- Does not like online grading tool but is willing to learn how to use them
- Fluent in Mandarin and English

TA 2
- 20 years old male, undergraduate 4th year student
- Computer Science and Management majors, taking 4 courses this semester
- Third time being TA for statistic courses
- Does not like spending personal time to reply students' questions
- Replies emails in 5-12 hours
- Enjoy using computer for grading and hates writing
- Usually work at home and does not spend much time on campus but always has internet access
- Enjoy programming and know many programming languages (Java, JavaScript, C++, Ruby)
- Uses Linux and Chrome mostly
- Familiar with grading tool Markus but hates it
- Do not like group work and TA meetings
- Like to leave TA work until one day before due date

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Instructor 1
- (Insert name), 38 years old male, new computer science prof
- Loves having a ton of control over layout and specifics of questions
- Very tech savvy, is well-versed in various [programming] tools such as Java, C/C++, Python, R, LaTeX
- Only on campus when he needs to be however always connected to internet
- Doesn't have a lot of time to spare, needs things to work quickly and efficiently

Instructor 2
- (Insert name), 64 years old female, econ prof at U of T for 13 years
- Needs technology to be easy to use, being able to accomplish what she needs with just a few clicks
- Usually requires help when setting up any new service
- Is able to replicate specific sets of instructions
- Does not own a smartphone or laptop, does all computer related work in her office at the university
- On campus most hours of the day
- Isn't the best with English, struggles with services that rely too much on written instructions

Stories:

User Story: Student
- As a student, I would like to have a system to create an account to submit my assignments online
- As a student, I would like to have a system to log into for my assignments
- As a student, I would like to be able to access each assignment to submit, and even retry if possible past the due date for practice
- As a student, I would like to view my assignment marks, and request remarks if necessary
- As a student, I would like to have immediate feedback on the potential mistakes I make during online quizzes

User Story: TA
- As a TA, I would like to be able to create an account and get higher permissions to mark students in my section
- As a TA, I would like to mark the assignments of students in my section
- As a TA, I would like to see the grades of each student

User Story: Instructor
- As an instructor, I would like to have an account with full access to the system
- As an instructor, I would like to be able to provide permissions to users, such as TA permissions
- As an instructor, I would like to be able to create and edit assignments, with multiple choice questions and short answer
- As an instructor, I want to see all available questions and solutions
- As an instructor, I would like to add questions that contain formatted math equations
- As an instructor, I would like to be able to quickly form randomized sets of questions for each student from a large set of questions